

Newark Fire Department

1979

NINETY-FOURTH

ANNUAL REPORT



KENNETH A. GIBSON, Mayor

MUNICIPAL COUNCIL

EARL HARRIS, President

MICHAEL P. BOTTONE, West Ward
ANTHONY CARRINO, North Ward
RALPH T. GRANT, JR., At Large
SHARPE JAMES, South Ward

BENJAMIN F. JOHNSON, III, Central Ward
HENRY MARTINEZ, East Ward
DONALD TUCKER, At Large
MARIE L. VILLANI, At Large

ELTON E. HILL, Business Administrator

JOHN P. CAUFIELD, Fire Director

NEWARK, NEW JERSEY

Newark

N. F. O. P. R. H. C. P. B. P. D.
Kenneth A. Gibson
Mayor

Fire Department

920 Broad Street
Newark, New Jersey 07102
201 733-7424

John P. Caufield
Director

March 1, 1980

The Honorable Kenneth A. Gibson
Mayor, City of Newark, New Jersey
City Hall
Newark, New Jersey

RE: ANNUAL REPORT FOR THE YEAR 1979

Dear Sir:

I herewith respectfully submit the Annual Report of the activities of the Fire Department for the year 1979.

The primary goals of the Fire Department are:

1. To prevent unfriendly fires.
2. To minimize life and property loss when unfriendly fires occur.

With the foregoing in mind, the following is a synopsis of activities and events aimed toward achievement of these goals, occurring during 1979:

* FIRE EDUCATION GUIDELINES

This program for all public schools became part of the Education Curriculum during 1979, following a seminar conducted by the Fire Department for selected Board of Education personnel.

* SMOKE DETECTOR ORDINANCE

The Smoke Detector Ordinance, requiring a smoke detector in each dwelling unit became law on May 1, 1979. Prior to this date, the Fire Department conducted a vigorous public education campaign regarding the Ordinance, including mailings, posters, media interviews, speaking to community groups and distributing printed handouts.

* ORDINANCE OUTLAWING PORTABLE LIQUID FUEL HEATERS

An ordinance was enacted outlawing portable liquid fuel heaters. In addition, a public education campaign was conducted outlining the dangers associated with the use of all heat-producing and energy-saving devices.

* ORDINANCE ESTABLISHING A BOUNTY FUND

An ordinance was enacted establishing a Bounty Fund to provide rewards to persons providing information leading to the arrest and conviction of arsonists.

The Honorable Kenneth A. Gibson
Mayor, City of Newark

Page 2

March 1, 1980

* ORDINANCE INCREASING MAXIMUM PENALTY FOR VIOLATION OF THE FIRE PREVENTION CODE.

An ordinance was enacted increasing the maximum penalty to \$500.00 or 90 days or both for each violation of the Fire Prevention Code.

* An ordinance requiring all municipal liens be satisfied prior to an insurance company paying an insured on a fire insurance claim in excess of \$2,500.00.

* New self-contained breathing apparatus have been purchased, reducing the weight load of firefighters by ten pounds.

* Rehabilitation of fire stations has resumed and is continuing according to the Capital Improvement Plan.

* Contracts have been awarded for five 1000 gpm pumbers, three 100 ft. Aerial Ladders, and one Aerial Ladder work truck. This places the 12-year apparatus replacement program on target.

* All remaining C.E.T.A. firefighters have been appointed to permanent firefighter positions.

RECOMMENDATIONS

- Continuation of the 12-year apparatus replacement program.
- Continuation of the Fire Station Rehabilitation Program in accordance with the Capital Improvement Program and Energy Conservation consideration.
- Acquisition of the services of a Fire Protection Engineer to provide technical assistance to the Fire Prevention Division.
- Continuation of the activities of the Citizens Advisory Committee (CAC), whose members act as liaison between citizens of the city and the Fire Department.
- Continuation of the program of cleaning and relining of water mains.
- Strengthening the Smoke Detector requirement to include additional smoke detectors where deemed necessary.
- That members of the Judiciary impose maximum penalties for Fire Prevention Code Violations, especially when smoke detectors are involved.

The Honorable Kenneth A. Gibson Page 3
Mayor, City of Newark

March 1, 1980

Although the aforementioned items can assist the Fire Department toward an ideal goal of a Zero Fire Death and Fire Loss Statistic, the Smoke Detector requirement is probably the most important single item that will contribute toward reducing the number of fire deaths, fire related injuries and fire losses in the immediate future.

* * * * *

I heartily commend Fire Chief James P. O'Beirne, Fire Chief Stanley J. Kossup, and all officers and men under their command, and members of the Administrative Staff for their efficient and dedicated service and attention to duty during the year.

To the Chaplains and Department Surgeons, we owe a debt of gratitude for their outstanding efforts in administering to the needs of the firefighting force.

On behalf of the members of the Fire Department, I extend to you, Mr. Mayor, to the members of the Municipal Council, to the Business Administrator and to all City Department Directors, our sincere appreciation for your interest and cooperation in helping us solve some of our problems.

Respectfully yours,

JOHN P. CAUFIELD,
Director, Fire Department

JPC:EC

FIRE DEPARTMENT ANNUAL REPORT 1979

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N E W A R K

Kenneth A. Gibson
Mayor

Fire Department

920 Broad Street
Newark, New Jersey 07102
201 733-7424

John P Caufield
Director

January 30, 1980

Hon. John P. Caufield, Director
Newark Fire Department
Newark, New Jersey

Dear Sir:

Forwarded herewith is the Annual Report of the Newark Fire Department for the year 1979. As in the past, the Department has again compiled an excellent fire record which reflects the dedication to duty constantly being displayed by the Members of this Department. During 1979, many positive steps were taken to reduce loss of life and property from the ravages of fire; with the Smoke Detector Ordinance being, in my opinion, the most significant.

Another distinctively important step was the development of a Fire Education Curriculum to be utilized in our school system.

The Fire Prevention Division is making an aggressive effort in its Fire Record Bureau to establish a more sophisticated fire data collection system, which is expected to assist us in establishing priorities for research and action.

In the near future, we will distribute 155 "Survivair" Mark I Unit self-contained masks which are approximately ten pounds lighter than our present masks.

In January of 1979, a new American LaFrance 100-foot rear-mount aerial ladder was put into service at Truck Co. 11. Specifications were also developed for the purchase of five Engines, three Trucks, and an aerial platform work truck for the Fire Signal System Construction and Maintenance Division.

Much time and effort has also gone into repairing our firehouses during 1979. One-third of our buildings have received new roofs. Major reconstruction is almost complete in Engine Co. 12 and Truck Co. 5's quarters, and a program to paint all of our firehouses was implemented in 1979 and is ongoing.

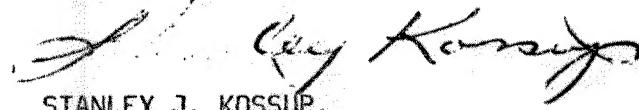
Hon. John P. Caufield, Director

January 30, 1980

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May I express to you, the Director of the Newark Fire Department, my sincere thanks for your cooperation and assistance during the year. I also extend my thanks to Mayor Kenneth A. Gibson and his Administrative Staff, to Members of the Municipal Council, Members of the Bell and Siren Club, Inc., and to all other City Officials who, in any way, assisted our Department during the year 1979.

Respectfully submitted,



STANLEY J. KOSSUP,
Fire Chief

SJK:JMR

FIRE DEPARTMENT

FINANCIAL STATEMENT

Salaries Appropriation	\$ 19,973,853.00
Other Expenses Appropriation	<u>601,292.00</u>
	\$ 20,575,145.00

EXPENDITURES

Salaries	17,434,054.56
Overtime	186,429.32
Acting Officers	<u>57,200.00</u>
	\$ 17,677,883.88

MISCELLANEOUS RECEIPTS

March 28, 1979	Maintenance of Civil Defense Early Warning System by Fire Alarm Constr./Maint.	\$3,000.00
March 28, 1979	Installation of Alarm System in Newark Center Building Co. by Fire Alarm Constr./Maint.	211.00
June 11, 1979	Responses to New Jersey Turnpike	2,625.00
Nov. 8, 1979	Responses to New Jersey Turnpike	1,800.00
Redeposited Checks		-0-
Miscellaneous		7,636.00
Bureau of Combustibles		54,303.00
Current Accounts		<u>30.00</u>
		\$ 61,969.00

000

F I R E D E P A R T M E N T - C I T Y O F N E W A R K

Hon. Elton Hill
Business Administrator

Hon. Kenneth A. Gibson
Mayor

Hon. John P. Caufield
Fire Director

William T. Whalen, Administrative Officer
Esther Conrad, Administrative Secretary
Kenneth Blaha, Asst. Chief Clerk

James P. O'Beirne, Fire Chief, U.F.D. - Retiring
Stanley J. Kossup, Fire Chief, U.F.D. -- Incoming

DEPUTY CHIEFS

First Deputy Division

Frederick Grehl
Harold B. Davis
David J. Kinnear
Charles JanTausch

Second Deputy Division

Joseph McLaughlin
Robert John Miller
John Griggs
James V. Raymond

DEPUTY CHIEF COORDINATORS

Joseph L. Magnusson
Joseph Pierce
Angelo R. Ricca
Albert Maresca

ROVING DEPUTY CHIEFS

Edward J. Chrystal

William Carragher, Jr.

BATTALION CHIEFS

First Battalion
Richard P. Hettinger
James W. McCormack
Thomas Melody
Catalora Palestino

Second Battalion
Erwin Burchardt
Robert King
Vincent Marinucci
Edward R. Dunn

Third Battalion
Louis Formisano
John P. Ryan
Richard Bitter
Anthony Maresca

Fourth Battalion

James Richardson
Alexander McGrory
Charles Plath
Anthony DeTroia

Fifth Battalion

Joseph T. Miller
Thomas J. Boyle
Robert Buccine
John Tartis

BATTALION CHIEF COORDINATORS

Joseph Ricca
Robert Meeker
Alfred Freda

ROVING BATTALION CHIEFS

Edward Hester, Jr.
Leonard Mendola
Robert J. Smith
Frederick Nolan
Frank Calvitti
Carroll Henderson

SUB-DIVISIONS OF THE FIRE DEPARTMENT

Fire Prevention Division

James Morgan, Deputy Chief
Carl Stoffers, Battalion Chief, Division of Investigation
Raymond Bishof, Battalion Chief, "
Philip Boyle, Chief Inspector, Combustibles

Fire Signal System

Robert Higgins, Chief, Communications
Thomas J. McCann, Asst. Chief, Communications
Edward Przybylowicz, Chief, Construction/Maintenance
John DiBlasio, Asst. Chief, "

Special Service and Supply

Arthur Schmidt, Deputy Chief
William Schick, Battalion Chief
George Iuzzolino, Act. Supervisor of Apparatus
Paul Duleba, Captain, Hose Division
Ralph DePaul, Captain, Supply Division
Joseph Abbondante, Captain, Mask Division

Training Center

Edward M. Wall, Deputy Chief, Commanding
Fred Boehringer, Battalion Chief, Safety Officer
Daniel Tauriello, Supervisor of Apparatus

Planning & Research Division

Stanley Kossup, Deputy Chief
John Valent, Battalion Chief
William Barrett, Captain
Albert Payne, Captain
Abnathy Mason, Captain

Community Relations

Robert Marron, Deputy Chief
Reginald Evelyn, Captain
Sante D'Emidio, Captain

Civil Defense

Robert Marron, Deputy Chief
Harold Ellermann, Fireman

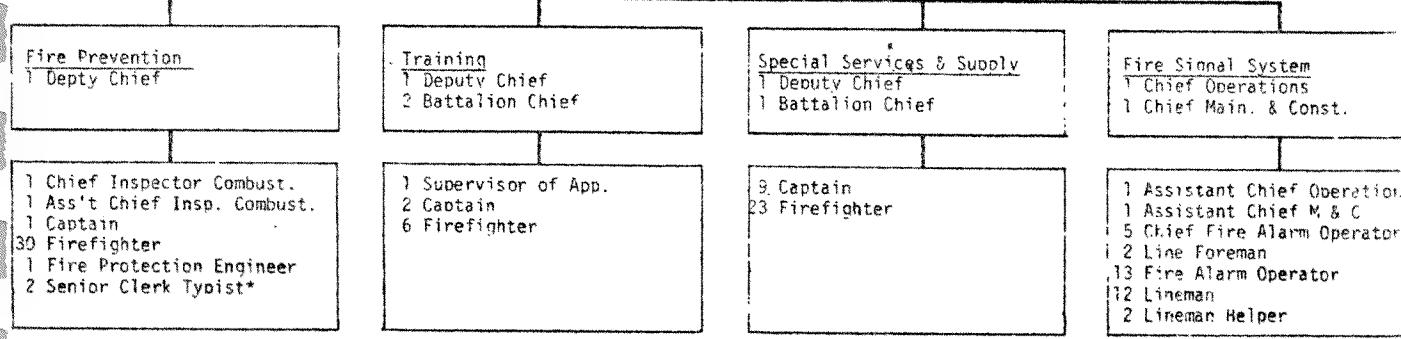
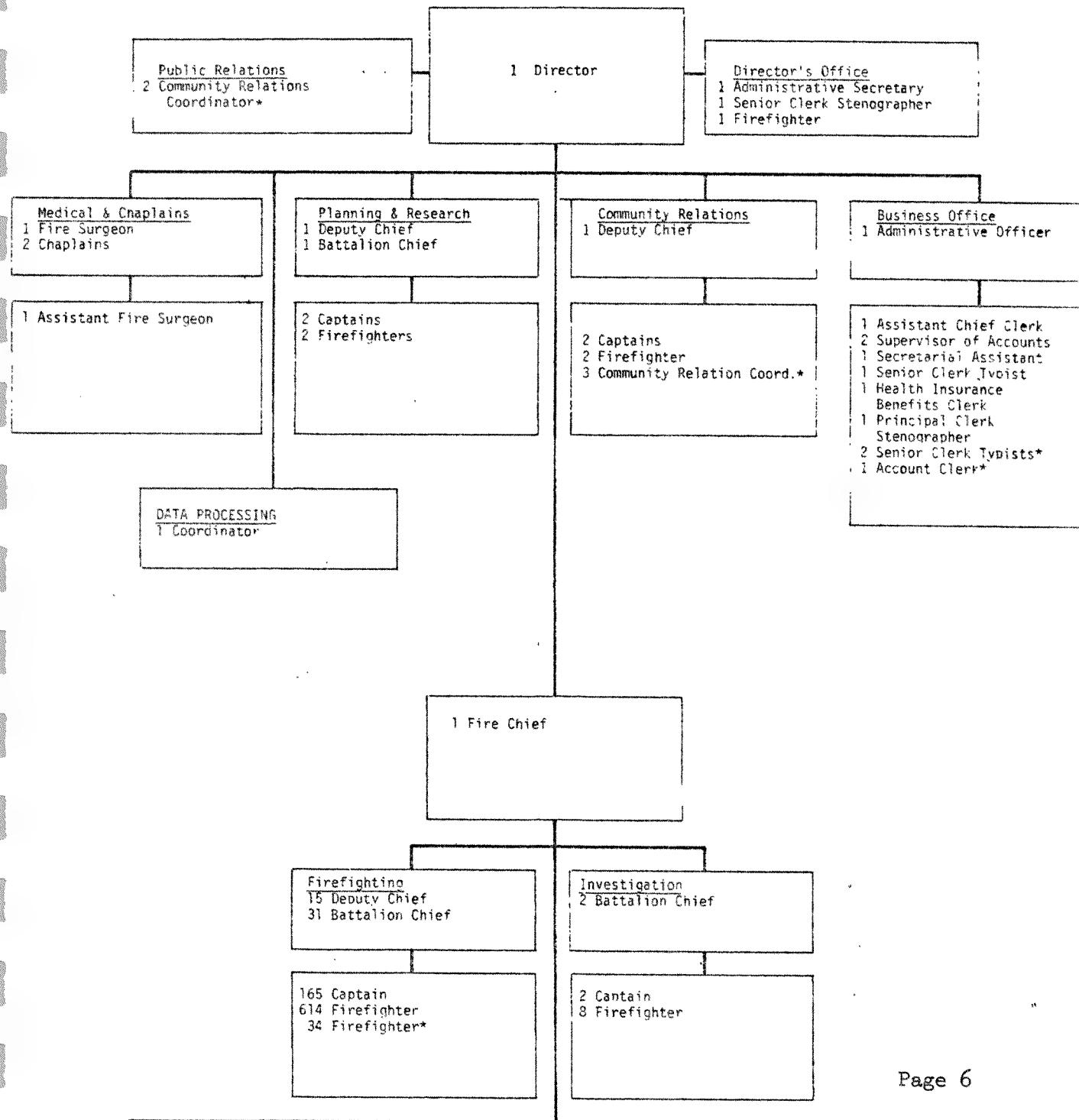
Medical Division

Edwin Ciccone, M. D., Fire Surgeon
Carl Maffeo, M. D., Asst. Fire Surgeon

Chaplains

Rev. Horton Raught, Catholic Chaplain
Rev. Clarence Bleakney, Protestant Chaplain
Rabbi Horace Zemel, Jewish Chaplain

Organization Code Department Code Division Code Fund Code Year
MUNICIPAL GOVERNMENT 01 FIRE 09 CITY CURRENT 1001 79



F I R E D E P A R T M E N T

VITAL STATISTICS

Firefighters appointed April 16, 1979

Howard R. Nuse	Noarman Marrow
Anthony H. Brown	Richard A. Reddick, III
Eugene A. Poole	John E. Hurle
Gregory B. Whitehead	Timothy Hamfeldt
Robert L. Whitner	Stephen J. Roberts
Harold P. McIntosh	

Robert J. Kondroski appointed June 11, 1979

Firefighters appointed December 19, 1979

Eugene Brenner	John G. Riker
Robert J. Clark	Raymond L. Wallace
Paul W. Cox	Luther C. Allen, Jr.
Norman Esparolini	Mark J. Cahill
Raymond A. Fallone	George R. Faux
Michael J. Kormash	Anthony Garcia
William F. Le Gates, Sr.	Arthur J. Griggs
Michael J. Miggins	Philip A. Manno
Michael J. Orloski	George P. Miranda
Gary J. Palmerson	Carl Pinal
Thomas G. Reiss	Patrick Sceppaguercio
	Arthur R. Zieser

RESIGNATIONS

4/25/79 - F/F Howard Nuse
4/26/79 - F/F Kevin Magnusson
4/26/79 - F/F Thomas Tully
4/29/79 - F/F Kevin Drennan
5/2/79 - Richard Lyons, Fire Alarm Operator (Temp.)
6/10/79 - F/F George Caswell

DISMISSALS

10/3/79 - F/F Alex Dobie

DEATHS

1/2/79 - F/F Christopher Healy
2/8/79 - F/F Charles Higgins
6/1/79 - F/F Philip Waters
12/26/79 - F/F John Feeney

FIRE DEPARTMENT

Vital Statistics (2)PROMOTIONS

	<u>Name</u>	<u>Promoted to:</u>
2/19/79	Fire Alarm Operator Harold Peare	Chief Fire Alarm Operator
"	Firefighter Fred P. Orlando	Captain
"	Steve J. Bobcheck	Captain
6/1/79	Batt. Chief Joseph J. Pierce Jr.	Deputy Chief
"	Captain Robert E. Fitzpatrick	Battalion Chief
"	" Frederick E. Nolan	Battalion Chief
"	Firefighter Robert C. Reed	Captain
"	" Dennis A. Robbins	Captain
"	" Abnathy A. Mason	Captain
"	" Jacob Schneck	Captain
9/17/79	Batt. Chief William M. Carragher, Jr.	Deputy Chief
12/19/79	Batt. Chief Edward J. Chrystal	Deputy Chief
"	Captain Edward A. Hester, Jr.	Deputy Chief
"	" Robert J. Smith	Battalion Chief
"	" Richard B. Meeker	Battalion Chief
"	Firefighter James W. Satnowski	Captain
"	" Robert F. Caufield	Captain
"	" Anthony L. Apostolico	Captain
"	" James A. Hamfeldt, Jr.	Captain
"	" Joseph A. Battaglia	Captain
"	" Leonard R. Gino	Captain
"	" Eli A. Savarese	Captain
12/28/79	Deputy Chief Stanley J. Kossup	Fire Chief, U.F.D.

RETIREMENTS

1/1/79	- F/F John Banahan	4/1/79	F/F Roger Bacon
"	" Richard Steinheim	"	" Fred McGrath
"	" William R. Conover, Jr.	"	" Robert M. Barrett
"	" John Caruso	6/1/79	" Joseph Shaw
2/1/79	F/F Charles Parisi	"	Batt. Ch. Frank Reheis
"	" Lewis DePaul	"	Dep. Ch. James Gaynor
"	" Robert F. Lynch	7/1/79	Captain Leo Chapin
"	" William Cummings	8/1/79	F/F William Thomas
"	" Thomas Kelly	"	Captain James Hamfeldt
"	" Joseph DeGrazio	"	Captain Lawrence Butler
3/1/79	" Francis Plaugic	9/1/79	Batt. Ch. Vincent Brennan
"	" Sylvester LoPotro	"	Dep. Ch. Thomas Leonard
		"	Captain Leo Jennings
10/1/79	F/F Joseph Monahan		
	" Bennie Masucci		
	" Harry Smith		
11/1/79	Captain John Martin		
12/1/79	Captain Michael Remondelli		
	" Batt. Ch. Andrew J. Donahue		
	F/F John J. O'Neill		

FIRE DEPARTMENT

COMPANY STATISTICS

1979

COMPANY	TOTAL ALARMS ANSWERED	TOTAL ALARMS WORKED	EMERGENCY CALLS	HOURS OF ENGINE DUTY	FEET OF HOSE USED	HYDRANTS INSPECTED	DRILLS AND DEMONSTRATIONS	HOURS OUT OF QUARTERS	IN-SERVICE BUILDING INSPECTIONS
Eng. Co. 1	1,638	631	0	346:00	84,450	413	319	1083:05	299
Eng. Co. 4	2,692	956	0	1341:55	85,900	220	371	1341:55	293
Eng. Co. 5	1,187	334	0	173:03	72,450	248	321	842:79	165
Eng. Co. 6	4,028	1650	0	442:56	153,400	442	380	1692:31	366
Eng. Co. 7	2,827	755	9	439:00	127,400	194	450	1278:00	548
Eng. Co. 8	1,072	413	0	194:36	23,900	480	381	999:36	90
Eng. Co. 9	3,297	1126	0	464:30	103,900	637	493	1477:33	247
Eng. Co. 10	2,244	699	27	309:25	54,700	820	495	1121:30	361
Eng. Co. 11	2,789	1080	0	398:00	142,450	325	348	1202:00	686
Eng. Co. 12	3,320	832	0	207:25	111,150	194	379	1391:09	237
Eng. Co. 13	2,139	975	0	272:01	62,500	362	349	1013:01	527
Eng. Co. 14	1,483	421	0	345:33	43,900	612	393	1131:19	358
Eng. Co. 15	2,511	664	0	367:52	86,500	186	282	1146:22	285
Eng. Co. 16	841	454	3	397:14	60,400	390	388	889:59	217
Eng. Co. 17	2,611	546	0	273:00	68,750	296	319	1270:00	294
Eng. Co. 18	2,742	871	8	309:00	124,050	247	290	1149:00	107
Eng. Co. 19	1,352	618	0	269:25	40,800	540	310	616:28	117
Eng. Co. 21	839	148	3	57:41	13,550	202	342	442:50	304
Eng. Co. 26	1,061	417	5	94:35	28,150	120	278	1131:40	302
Eng. Co. 27	890	247	0	273:00	39,150	399	361	1047:00	361
Eng. Co. 28	1,353	410	0	119:35	25,650	133	358	790:30	249
Eng. Co. 29	2,069	611	0	182:56	49,000	331	382	890:26	352
Eng. Co. 32	376	173	0	193:15	19,950	579	354	604:03	128
Rescue Sq.	1,932	1689	680				322	1105:00	
Fire Boat	55	22	1	11:10	1,650		397	48:19	3
Tactical	856	429	0		59,552	310	347	568:07	508
Total	48,204	17,171	736	7,479:47	1,683,252	8680	9409	26,270.82	7404

COMPANY STATISTICS 1979 (2)

TRUCK COMPANY	TOTAL ALARMS ANSWERED	TOTAL ALARMS WORKED	EMERGENCY CALLS	FEET OF LADDERS USED	NUMBER OF INSPECTIONS MADE	DRILLS AND DEMONSTRATIONS	HOURS OUT OF QUARTERS	NUMBER OF HYDRANTS INSPECTED
Truck Co. 1	1565	820	0	11,580	306	417	1045:00	401
Truck Co. 2	1726	699	5	13,270	271	412	1098:00	396
Truck Co. 3	1619	558	0	15,653	323	332	947:27	140
Truck Co. 4	977	233	0	6,391	217	355	607:00	152
Truck Co. 5	3038	1467	1	16,308	477	390	1286:00	204
Truck Co. 6	1578	517	5	5,096	489	431	788:37	541
Truck Co. 7	1840	431	2	12,069	150	230	817:00	312
Truck Co. 8	710	227	4	4,299	222	356	610:25	197
Truck Co. 9	2233	737	5	15,541	476	272	1034:00	274
Truck Co. 10	1778	489	0	5,070	283	363	786:00	300
Truck Co. 11	1707	443	4	12,514	168	369	9002:05	170
Truck Co. 12	736	288	10	2,828	315	342	512:00	375
Total	19,507	6909	36	120,619	3697	4269	18,532:94	3462

BATTALION CHIEFS

Battalion District	Alarms Answered	Alarms Worked	Total District Inspections
Batt. Dist. 1	3201	974	61
Batt. Dist. 2	1864	1076	253
Batt. Dist. 3	3191	1185	254
Batt. Dist. 4	4604	2237	300
Batt. Dist. 5	1553	830	242
Total	14,413	6302	1110

DEPUTY CHIEFS

Deputy Division	Alarms Answered	Alarms Worked	Total District Inspections
Deputy Div. 1	2218	1564	176
Deputy Div. 2	1455	921	160
Total	3673	2485	336

FIRE PREVENTION DIVISION

1

ANNUAL REPORT SUBMITTED BY DEPUTY CHIEF JAMES MORGAN FOR THE YEAR 1979

This is a report of all the activities undertaken by the Fire Prevention Division in 1979. The statistics for 1979 will be found on accompanying tables and detailed reports.

In all the activities undertaken by this command, this includes training of personnel, enforcement and public information; the maximum effort to bring about improvement or to maintain our present high levels have been strived for.

So that the Fire Prevention Code and the city ordinances that have been passed regarding fire safety regulations can be effectively enforced, all personnel attached to the Fire Prevention Division have been trained and educated in these matters.

It will become a prerequisite that all personnel authorized to conduct inspections will be licensed by the State of New Jersey. During the past year efforts to comply with this regulation have been undertaken and fire inspectors have enrolled in and completed courses in fire inspection.

INSPECTIONS

Inspections by fire companies and the staff of the Bureau of Combustibles have continued and a maximum effort at gaining compliance with fire violations has resulted in many cases of violations being abated and many potential fire hazards being removed.

ENERGY CRISIS

The energy crisis has brought new problems to us. Improper handling of gasoline has been lessened by the enforcement of sections of the BOCA Fire Prevention Code and distribution made to all service stations copies of gasoline dispensing regulations.

SCHOOLS

Much construction, many alterations and new additions have taken place in the Newark school system. Close cooperation with the architects and builders has been undertaken and these new additions and alterations are as fire safe as they can be made. The program of fire safety education has been expanded to encompass the entire school year rather than just concentrating on Fire Prevention Week. Fire Prevention personnel have made speaking engagements stressing fire prevention and safety at all schools throughout the school year in an attempt to keep fire prevention fresh in the minds of the school population.

Fire Prevention Division

CHEMICAL WASTE

A new problem has emerged in America and Newark was not spared. Chemical waste is being dumped in many locations in flagrant disregard of the consequence to the environment, and to the health of the public.

The Fire Prevention Division was successful in bringing this illegal practice to the attention of the law enforcement agencies, resulting in the apprehension of the guilty parties.

The Fire Prevention Division will continue to be vigilant and will make every effort to protect the well-being of the public and the citizens of Newark whom it serves.

FIRE PREVENTION WEEK

All requests for speakers were answered and the public was made aware of the Fire Department's role in the community through the efforts of those assigned to speak or give fire prevention demonstrations. Many local organizations and industries received demonstrations of fire department equipment and fire safety. Approximately 50,000 pieces of fire prevention literature were distributed to the public by members of the Fire Prevention Division.

FIRE RECORDS

Our project to have fire records recorded on microfilm has been effective; we now have 20,000 fire statistics on film and entered on cards. This operation will continue.

SMOKE DETECTORS

One of our priorities for 1979 has been alerting the public to the importance of installing smoke detectors, thereby complying with the regulations of the city ordinance (Title 11-A, amended May 1, 1979 with the addition of Chapter 2). Up to the present time, the Bureau has distributed approximately 50,000 pieces of literature, processed 98 violations, and instituted 27 court cases, in an effort to bring about compliance of the public with the above-mentioned Smoke Detector Ordinance.

ANNUAL REPORT
FIRE PREVENTION DIVISION

TOTAL INCIDENTS	22,299
FIRE INCIDENT RESPONSES	6,603
MISC. SIG. 5's- NOT RECORDED	2,653
BUILDING FIRES	2,581
Occupied-----	1,842
Vacant-----	739
NON-BUILDING FIRES	4,022
Dumpsters-----	216
Auto/Bus-----	1,245
Truck/Freight-----	134
Brush/Rubbish-----	2,427
OUT OF CITY RESPONSES	40
Units sent-----	40
NON-HOSTILE FIRE RESPONSES	2,636
C/Cooking-----	434
Furnace blow back--	39
Inciner/Compactor--	1,838
Arcing/Sh-circuit--	325
ALL OTHER RESPONSES	4,936
Includes Rescue, First Aid Washdown, Accidents, Assist at Fires etc.	
MALICIOUS FALSE ALARMS	8,124
FIRE RELATED DEATHS	37
Firefighter-----	0
Civilian-----	37
MULTIPLE ALARM FIRES	84
2nd alarms-----	73
3rd alarms-----	9
4th alarms-----	2
SIGNAL 11 FIRES	550
Occupied Building--	369
Vacant Building----	181
Non-Building-----	0
MUTUAL AID TO ASSIST NEWARK	
Units sent-----	6

Fire Prevention Division

BUILDING INSPECTIONS -----	39,968
(By Bureau inspectors)-----	29,154
(In-Service Company inspections-----	10,814
FIRE CODE VIOLATIONS PROCESSED -----	2,628
Rec'd from In-Serv. Co's -----	901
Bureau Inspections -----	1,323
Telephone/Letter -----	405
SPECIAL BUREAU DETAILS-----	51
(Public functions)-----	
FIRE PREVENTION DEMONSTRATIONS -----	398
(Schools-Hosp-Business)-----	
FIRE PREV. LECTURES -----	610
School children involved -----	26,150
Other Civic groups -----	347
PLANS EXAMINED AND APPROVED -----	362
(Re: Sprinklers/standpipes/etc)	
PERMITS ISSUED -----	5,263
Misc. Comb. Storage/Use -----	5,041
Oil/Gas Equipment -----	214
Theater operators -----	8
PERMIT FEES COLLECTED -----	56,045
COURT CASES INITIATED -----	259
(Violations of Fire Code)	
COURT HEARINGS ATTENDED -----	534
Postponements -----	361
Withdrawn -----	2
Dismissed -----	31
Bench warrants -----	52
Guilty -----	88
\$	
FINES COLLECTED-----	24,515

1979 MULTIPLE ALARMS 1979

INCIDENT	DATE	TIME	STATION	ADDRESS	SIZE/CLASS	ALARM
00129	Jan. 3	1651	2213	14 Green St.	Occ 4 st br bus. school	3rd
00146		1489	0138	393 7th Ave.	Occ 5 st br hotel	2nd
00152		0607	1322	106 N. 5th St.	Occ 5 st br ants.	2nd
00200		0056	5377	50 Paris St.	Occ 2 st br whse	4th
00513		2145	1651	70 Richelieu Terr.	Vac 3 st fr dwel ¹	2nd
00626		0446	3224	92-4 Broad St.	Occ 4 st br apts.	2nd
00703		0206	3224	92-4 Broad St.	Occ 4 st br apts.	2nd
00800		2258	1413	112 So. 10th St.	Occ 4 st br apts.	2nd
01185		1855	3224	92-4 Broad St.	Vac 4 st br apts.	2nd
01503		2214	4319	434 Springfield Ave.	Occ 3 st fr dwell	3rd
01615	Feb. 2	0134	4316	364 Littleton Ave.	Occ 4 st br apts.	3rd
01621		0509	5182	78 Fillmore St.	Occ 1 st br fact/whse	2nd
01674		5155	2237	4 Vaydell St.	Occ 2 1/2 st fr dwell	2nd
01795		2059	30 E. Kinney St.	Occ 4 st br apts.	2nd	
01824		0925	3242	172 Lincoln Ave.	Occ 3 1/2 st fr dwell	2nd
02107		1937	3234	427 Summer Ave.	Occ 3 st br apts.	2nd
02257		0753	2412	137 Pennsylvania Ave.	Occ 3 st fr dwell	2nd
02269		1100	5455	245 Jefferson St.	Occ 3 st br apts.	2nd
02367		0236	1338	149-51 So. 6th St.	Occ 3 st fr dwell	2nd
02430		2320	3255	40 Broad St.	Occ 4 st br apts.	2nd
02433		2358	4351	271 Fairmount Ave.	Occ 3 st fr dwell	2nd
02517		1551	4214	14 Sayre St.	Occ 4 st br apts.	2nd
02519		1619	4213	227 Hunterdon St.	Occ 3 st fr dwell	2nd
02527		1944	4651	799 Hunterdon St.	Occ 3 st fr dwell	2nd
02622		1354	4439	636 So. 11th St.	Occ 3 1/2 st fr dwell	2nd
03200	Mar. 3	0052	2128	88 Halsey St.	Occ 2 st br furrier	2nd
03564		0324	5234	422-4 Lafayette St.	Occ 3 st fr dwel ¹	2nd
03697		1708	3257	77 Mt. Pleasant Ave.	Vac 4 st br ants.	2nd
04052		0317	4319	551 Springfield Ave.	Vac 3 st fr dwel ¹	2nd
04056		18	5519	207 Wright St.	Vac 3nd st fr whse	2nd
04126		18	2232	103 Peabody Pl.	Occ 2 1/2 st fr dwel ¹	2nd
04689		26	3531	766 Broadway	Occ 2 1/2 st fr dwel ¹	2nd
04959		31	1972	297 Morris Ave.	Occ 4 st fr ants.	2nd

INCIDENT	DATE	TIME	STATION	ADDRESS	SIZE/CLASS	ALARM
05425	Apr. 7	1031	3114	450 Broad St.	Occ 6 st br hotel	4th
05533	9	0613	1834	70 Duryea St.	Occ 4 st br youth house	2nd
05586	10	0702	4145	321 Irvine Turner Blvd.	Occ 4 st br apts.	2nd
05649	11	0010	3224	37-9 3rd Ave.	Vac 4 st br apts.	2nd
05809	12	2256	4446	603 18th Ave.	Occ 3 st fr apts.	2nd
05485	13	1617	3426	60 Springdale Ave.	Vac 1 st br office	2nd
06134	18	0955	1331	383-5 W. Market St.	Occ 3 st fr dwell	2nd
06159	18	1550	2344	47 Thomas St.	Vac 4 st br	2nd
06438	22	0054	2338	1090 Broad St.	Vac 4 st br hotel	2nd
06535	23	0158	3212	34 Kearney St.	Vac 4 st br apts	2nd
06872	27	0459	4458	540 So. 16th St.	Occ 3 st br apts.	2nd
07159	May 1	2249	3253	55 Lincoln Ave.	Occ 4 st br apts.	2nd
07234	3	0407	1442	251 14th Ave.	Vac 3 st fr dwell	3rd
07441	5	2136	1238	27 Norfolk St.	Vac 2 st fr dwell	2nd
08367	19	0359	1345	305 Fairmount Ave.	Vac 3 st fr dwell	2nd
08417	20	0356	5224	241-3 Lafayette St.	Occ 3 st fe dwell	2nd
08566	22	1950	5525	232 Thomas St.	Occ 1 st fr whse	2nd
08788	26	1721	4242	321 Jelliff Ave.	Vac 4 st br whse	3rd
09126	June 1	0339	5316	165-7 Wilson Ave.	Occ 3 st fr tavern/dwell	2nd
10021	14	2332	4449	648 18th Ave.	Occ 2 st fr dwell	2nd
10817	25	1526	1235	72 Jay St.	2nd	2nd
10955	26	2206	1349	256-58 So. Orange Ave.	Occ 3 st fr apt.	2nd
10898	26	1154	4236	178-182 B-dger Ave.	Vac 3 st fr apts.	2nd
11016	27	1941	1344	97-99 14th Ave.	Vac 3 st fr	2nd
11788	July 8	0052	1235	25-31 Norfolk St.	Occ 2 1/2 st fr apts.	2nd
12765	20	2330	4234	560- Bergen St.	Occ 3 st fr dwell	2nd
12801	21	1433	1433	48-50-52 Cornelius St.	Occ 1 st br/mkt	2nd
14601	Aug 18	1208	3112	216 High St.	Vac 4 st br	2nd
15965	Sept 9	2044	3212	37 1/2 Kearney St.	Occ 2 st fr	2nd
16215	14	0214	2252	203 Mulberry St.	Vac 4 st br	2nd
16354	16	0755	1147	21 Lock St.	Occ 4 st br apt	2nd

INCIDENT	DATE	TIME	STATION	ADDRESS	SIZE/CLASS	ALARM
16826	Sept.	24	0516	1122	Occ. 4st. Br. Whse.	3rd.
16872		25	1214	4265	Vac. 3st. Fr. Apt.	3rd.
17518	Oct.	9	0334	2418	Occ. 3st. Fr. Dwell.	2nd.
17646		12	0754	1344	Vac. 3st. Fr. Apt.	2nd.
18556		29	0617	1238	Occ. 3st. Fr.	2nd.
18666		31	0415	4245	Occ. 3st. Fr.	2nd.
19055	Nov.	7	0149	1249	181-Hunterdon St.	2nd.
19342		12	1130	1414	59-So. 9th. St.	2nd.
19377		12	2031	3244	91-Delevan Ave.	2nd.
19555		16	0420	4212	347-9-51-Springfield Ave.	2nd.
19613		17	0213	4464	498-500-02-So. 14th. St.	2nd.
19692		18	0020	2312	5-7-Lincoln Pk.	2nd.
19795		19	2106	1446	434-6-8-So. 17th. St.	2nd.
20854	Dec.	5	1135	1438	333-35-So. 11th. St.	Apt. 2nd.
21014		7	2041	4163	65-Hillside Ave.	2nd.
21220		10	2244	5134	21-29-Lexington St.	2nd.
21742		20	2034	5435	225-DeLancy St.	3rd.
22051		26	1852	4513	17-Custer Pl.	3rd.
22149		29	0143	4315	313-311-15-So. 6th. St.	2nd.
22247		31	0156	3224	94-6-Broad St.	2nd.

MULTIPLE ALARMS Fire Prevention Division Page 7

	<u>1967</u>	<u>1968</u>	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>	
<u>MONTH</u>	<u>JAN.</u>	5	8	7	6	5	13	5	5	4	7	7	10	10
FEB.	4	6	4	6	3	4	5	5	0	6	6	9	15	
MAR.	1	5	8	7	8	7	7	4	6	4	4	5	7	
APR.	2	27	5	14	12	16	6	5	12	4	4	15	11	
MAY	2	4	6	6	6	8	9	6	11	4	14	5	8	
JUNE	3	0	1	6	14	4	9	6	4	8	4	14	6	
JULY	1	10	2	5	15	9	7	5	5	2	15	12	3	
AUG.	6	2	2	5	10	8	8	9	3	3	7	10	1	
SEPT.	3	2	4	5	3	3	9	10	3	3	2	7	5	
OCT.	1	4	6	2	2	2	5	2	3	1	9	3	4	
NOV.	4	3	6	2	5	4	8	10	0	8	2	3	7	
DEC.	8	8	7	9	2	5	4	7	6	12	9	9	7	
TOTAL	40	79	58	73	85	83	82	74	57	62	87	107	84	

FIRE DEATH STATISTICS

<u>YEAR</u>	<u>TOTAL</u>	<u>6 and UNDER</u>	<u>Age 7 to 17</u>	<u>Age 18 to 30</u>	<u>Age 31 to 50</u>	<u>Age 51 to 70</u>	<u>Age OVER 70</u>
1965	38	5	2	9	14	6	2
1966	37	19	2	3	8	2	3
1967	25	10	1	1	6	5	2
1968	28	3	2	5	11	6	1
1969	24	6	0	1	3	10	4
1970	36	9	4	1	6	12	4
1971	40	7	8	5	8	11	1
1972	46	11	7	7	12	4	5
1973	38	12	6	5	4	10	1
1974	21	7	3	1	3	5	2
1975	33	13	5	1	3	9	0
1976	16	3	1	3	3	4	4
1977	28	5	2	5	7	6	1
1978	46	11	8	5	13	6	3
1979	37	6	4	7	7	9	1

FIRE DEATH STATISTICS - Fire Prevention Division Page 9

<u>MONTH</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>
JAN.	1	1	4	3	1	6	3	0	1	1	2	4	1
FEB.	5	3	1	2	7	4	12	4	1	0	4	5	12
MAR.	1	1	4	1	3	10	1	3	0	6	1	3	1
APR.	1	7	3	8	3	4	5	1	9	0	2	4	9
MAY.	2	1	2	6	2	4	2	3	7	2	0	0	4
JUNE	2	1	0	1	7	0	5	0	8	0	0	0	1
JULY	0	3	0	8	6	1	2	0	1	1	3	1	0
AUG.	1	3	1	1	3	0	0	3	1	0	0	5	0
SEPT.	3	2	1	0	0	7	2	0	1	1	0	5	1
OCT.	0	2	1	2	2	4	1	1	2	0	1	1	0
NOV.	5	5	3	3	1	6	2	0	1	1	1	4	6
DEC.	4	0	4	1	5	0	3	6	1	4	14	14	2
TOTAL	25	29	24	36	40	46	38	21	33	16	28	46	37

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ELEMENTARY SCHOOLS	ACTUAL FIRE	FALSE ALARM	ALARM MALF.	OTHER INCIDENT	TOTAL RESPONS
CAMDEN MIDDLE-----	0	14	5	3	22
CAMDEN ST-----	1	9	0	6	16
CHANCELLOR AVE-----	1	3	4	6	14
CHANCELLOR ANNEX-----	0	1	0	0	1
CHARLTON ST-----	0	0	0	0	0
CLEVELAND-----	0	17	15	1	33
CLINTON AVE-----	0	2	1	2	5
DAYTON ST-----	3	24	5	2	40
EIGHTEENTH AVE-----	0	6	9	0	15
ELLIOTT ST-----	1	41	5	4	51
FIFTEENTH AVE-----	1	13	7	5	26
1 ST- Ave-----	0	2	1	1	4
FOURTEENTH AVE-----	0	1	1	2	4
FRANKLIN-----	0	2	8	8	18
HARRIET TUBMAN-----	1	6	3	0	10
HAWKINS ST-----	0	5	5	7	17
HAWKINS ST ANNEX-----	0	0	1	1	2
IAWTHORNE AVE-----	0	4	4	2	10
HUDSON ST-----	0	0	0	0	0
LAFAYETTE ST-----	0	1	10	1	12
LAFAYETTE ST ANNEX-----	0	0	7	1	8
LINCOLN-----	1	28	3	5	37
LOUISE A SPENCER-----	0	2	3	0	5
MADISON-----	0	7	5	3	15
MAPLE AVE-----	0	0	2	5	7
MAPLE AVE ANNEX-----	0	0	0	5	5
MAPLE LYONS ANNEX-----	0	10	8	6	24
MARCUS GARVEY-----	0	2	4	6	8
MARTIN LUTHER KING-----	1	1	9	1	20
MCKINLEY-----	0	31	14	12	57
MILLER ST-----	1	0	6	4	11
MORTON ST-----	0	13	10	1	24
MT. VERNON-----	1	2	4	3	11
NEWTON ST-----	0	8	8	3	10
OLIVER ST-----	0	0	6	2	8
PESHINE AVE-----	0	6	9	2	17
QUITMAN ST-----	1	4	4	1	10
QUITMAN ST ANNEX-----	0	1	0	0	1
RIDGE ST-----	0	0	0	0	0
ROBERTO CLEMENTE-----	0	20	6	1	27
ROSA L. PARKS-----	0	1	0	0	1
ROSEVILLE AVE-----	0	2	0	0	2
ROBERTO CLEMENTE ANNEX-----	0	1	0	0	1
HAWTHORN AVE ANNEX-----	0	2	0	0	2

PUBLIC SCHOOL REPORT

	ACTUAL FIRE	FALSE ALARM	ALARM MALF.	OTHER INCDENT	TOTAL RESPONSES
SENIOR HIGH SCHOOLS					
ARTS-----	0	9	2	0	11
BARRINGER-----	2	5	8	4	19
CENTRAL-----	1	3	4	1	9
EAST SIDE-----	10	40	45	14	109
MAL. X. SHABAZZ-----	3	14	21	3	41
SCHOOL WITHIN SCHOOL	0	1	1	0	2
UNIVERSITY-----	0	0	0	0	0
VAILSBURG-----	6	16	2	4	28
WEEQUAHIC-----	4	17	10	3	34
JUNIOR HIGH SCHOOLS					
BROADWAY-----	7	13	8	2	30
CLINTON PLACE-----	0	7	16	2	25
SEVENTH AVE-----	0	14	2	1	17
WEBSTER-----	5	13	7	14	39
WEST KINNEY-----	1	11	2	2	16
ELEMENTARY SCHOOLS					
ABINGTON AVE-----	1	5	8	1	15
ALEXANDER ST-----	0	9	9	2	20
ANN ST-----	0	1	3	3	7
AVON AVE-----	1	3	6	1	11
BELMONT-RUNYON-----	0	0	1	2	3
BERGEN ST-----	1	12	9	2	24
BRAGAW AVE ANNEX--	0	5	5	4	14
BROADWAY-----	5	13	7	6	31
BURNET ST-----	2	1	2	9	14
BRAGAU AVE-----	0	5	5	4	14

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EMANTARY SCHOOL	ACTUAL FIRE	FALSE ALARM	ALARM MALFUNCTION	OTHER INCIDENT	TOTAL RESPONSE
South St.-----	0	5	0	0	5
So. Seventeenth St.-----	0	10	2	1	13
Streetwy Ave.-----	0	0	3	1	4
Sprinfield Ave. Comm.-----	1	0	0	0	1
Sussex Ave.-----	1	4	2	6	13
Sussex Ave. Annex-----	0	1	0	0	1
Philmont Ave.-----	0	20	17	2	39
Vanessa-----	0	6	13	0	19
Willow Norton-----	3	7	1	3	14
Willow Norton-----	0	0	4	3	7

SECONDARY SCHOOLS

Alyea St.-----	0	3	2	0	5
Arlington Ave.-----	0	0	0	1	1
Branchbrook-----	0	0	0	1	1
Bruce St.-----	0	1	7	2	10
Chestnut-----	1	1	1	2	5
John F. Kennedy-----	0	4	2	0	6
Montgomery St.-----	0	11	2	1	14
Woodland-----	0	0	0	0	0
BOYLAND ST.-----	0	1	3	1	5

TOTALS	ACTUAL FIRES	FALSE ALARM	ALARM MALFUNCTION	OTHER INCIDENT	TOTAL RESPONSE
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1979-----	78	585	454	232	1349
1978-----	50	454	356	207	1067
1977-----	87	818	481	221	1607
1976-----	81	882	457	202	1622
1975-----	98	972	483	198	1751
1974-----	76	879	443	158	1556
1973-----	64	563	448	195	1270
1972-----	71	763	504	187	1535
1971-----	73	804	565	140	1589
1970-----	60	698	451	93	1302

Fire Prevention Division

HI-RISE BUILDING REPORT

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	ACTUAL FIRES	INCINERATOR COMPACTOR	FALSE ALARM	OTHER	TOTAL RESPONSE
N.H.A.					
Baxter Apts	1	1	0	3	5
Baxter Elderly	0	0	0	0	0
Bradley Court	2	0	0	4	6
Columbus Homes	34	22	23	53	132
Felix Fuld	3	2	2	3	10
Hayes Homes	60	432	17	72	581
Hayes Elderly	0	0	1	0	1
Hyatt Court	5	0	0	5	10
Kretchmer Homes	42	133	17	38	230
Kretchmer Elderly	0	2	1	0	3
Pennington Court	2	0	13	6	21
Roosevelt Homes	0	2	1	10	13
Scudder Homes	68	74	10	39	191
Scudder Elderly	1	1	0	0	2
Seth Boyden Court	9	10	6	16	41
Seth Boyden Elderly	0	0	0	2	2
Stephen Crane	1	1	6	4	12
Stephen Crane Elderly	0	0	0	1	1
Stella Wright Homes	31	83	8	28	150
Stella Wright Homes	0	0	0	0	0
Walsh Homes	27	201	27	50	305
Walsh Elderly	0	0	0	0	0
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	286	964	132	334	1716

FIRES- INSPECTIONS- VIOLATIONS

PUBLIC ASSEMBLY PROPERTY

11. FIXED USE AMUSEMENT PLACES

111. Bowling-----	0	0	0
112. Billiard, pool hall-----	0	0	0
113. Bingo, dance hall-----	0	196	0
114. Ice rink-----	0	2	0
115. Roller rink-----	0	0	0
119. Amusement not classified --	0	4	0

12. VARIABLE USE AMUSEMENT PLACES

121. Ballroom, gymnasium-----	0	89	3
122. Exhibition hall-----	0	7	0
123. Arena, grandstand-----	1	8	0
124. Playground-----	1	5	0

13. CHURCHES, FUNERAL PARLORS

131. Church, chapel-----	7	31	2
132. Religious education-----	0	74	0
133. Church hall-meetings---	0	67	1
134. Funeral parlor, morgue--	0	3	0

14. CLUBS

141. Boys club, YMCA-----	3	19	3
142. Country club-----	2	0	0
143. Yacht club-----	0	0	0
149. Clubs not classified---	0	0	0

15. LIBRARIES, MUSEUMS, COURTS

151. Library-----	1	6	0
152. Museum, art gallery-----	0	4	0
153. Historical building-----	0	4	0
154. Memorial building-----	0	17	0
155. Court room-----	0	0	0
156. Legislative hall-----	0	0	0

16. EATING, DRINKING PLACES

161. Restaurant, diner-----	8	210	14
162. Nightclub-----	1	12	3
163. Tavern-----	9	1270	33
164. Lunchroom, drive-in-----	0	47	16

		FIRES-	INSPECTIONS-	VIOLATIONS
17.	PASSENGER TERMINALS			
171.	Airport pass. term.-----	2	15	0
172.	Heliport, helistop-----	0	2	0
173.	Bus passenger term.-----	0	20	0
174.	St. level rail term.-----	3	4	0
175.	Undergrd. rail term-----	0	0	0
176.	Elevated rail term.-----	1	1	0
177.	Marine pass. term.-----	0	0	0
18.	THEATERS, STUDIOS			
181.	Legitimate theater-----	0	0	0
182.	Auditorium-concert hall----	0	11	2
183.	Motion pix theater-----	2	167	11
184.	Drive-in theater-----	0	10	0
185.	Radio, TV studio-----	0	4	0
186.	Motion pix studio-----	0	0	0
2.	EDUCATIONAL PROPERTY			
21.	NON-RESIDENTIAL SCHOOLS			
211.	Nursery school-----	0	340	3
212.	Kindergarten-----	0	170	2
213.	Elementary school-----	25	976	12
214.	Junior high school-----	0	115	7
215.	High school-----	34	413	9
22.	RESIDENTIAL SCHOOLS			
221.	Boarding school-----	0	0	0
23.	TRADE, BUSINESS SCHOOLS			
231.	Vocational trade sch.-----	2	127	1
232.	Business school-----	1	259	0
233.	Specialty school-----	1	82	0
234.	Rehabilitation center-----	0	30	1
24.	COLLEGES, UNIVERSITY			
241.	College-University-----	0	124	0

FIRES-INSPECTIONS-VIOLATIONS

3. INSTITUTIONAL PROPERTY

31. CARE OF THE AGED

311. Care/aged w/nursing-----	2	80	1
312. Care/aged w-o/nursing-----	0	0	0

32. CARE OF THE YOUNG

321. Day child-care center-----	0	440	6
322. Orphanage-----	0	10	0
323. Foster home-----	0	6	0

33. CARE OF THE SICK, INJURED

331. Hospital-----	11	256	7
332. Sanitarium-----	0	0	0
334. Clinic-----	1	45	1

34. CARE OF THE PHYSICALLY RESTRAINED

341. Prison cell, men-----	0	15	1
342. Prison cell, women-----	0	12	0
343. Juvenile detention home---	1	26	0
345. Police station-----	0	5	0

35. CARE OF THE PHYSICALLY INCONVENIENT

351. Care of deaf-mute-blind----	0	14	0
352. Physical rehabilitation---	0	12	0

36. CARE OF MENTALLY HANDICAPPED

361. Mental institution-----	0	13	0
362. Mentally retarded-----	0	20	1

30. INSTITUTIONAL PROPERTY, UNCLASS

309. Institutional unclassified- --	0	65	0
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FIRES- INSPECTIONS-VIOLATIONS

RESIDENTIAL PROPERTY

41. ONE AND TWO FAMILY DWELLINGS

411. One family dwelling-----	9	510	7
413.	1		
414. Two family dwelling-----	349	611	15

42. APARTMENTS, TENEMENTS, FLATS

421. 1 or 2 units w/business-----	66	2006	93
422. 3 through 6 units-----	606	1822	57
423. 7 through 20 units-----	365	1441	91
424. Over 20 units-----	448	1500	45

43. ROOMING, BOARDING, LODGING HO

431. 3 to 8 roomers-----	3	1747	220
432. 9 to 15 roomers-----	2	1349	101

44. HOTELS, MOTELS, INNS

441. Less than 20 units-----	2	17	0
443. 20 to 99 units-----	16	1433	17
445. 100 or more units-----	0	67	1

46. DORMITORIES

461. School, college dorm-----	0	6	0
462. Fraternity, sorority-----	0	4	0
463. Nurses quarters-----	0	4	0
465. Convent, monastery-----	0	0	0
466. Workers bunk house-----	0	0	0

48. HOME HOTELS

481. Less than 20 units-----	0	0	0
483. 20 to 99 units-----	0	0	0
485. 100 or more units-----	0	0	0

49. OTHER RESIDENTIAL OCCUPANCIES

491. Childrens playhouse-----	0	0	0
492. Outdoor tents-----	0	4	0

FIRES-INSPECTIONS-VIOLATIONS

55. RECREATION, HOBBY, HOME REPAIR SALES

551. Hobby, toy shop-----	0	31	0
552. Sporting goods sales-----	0	85	0
553. Photo supply sales-----	0	28	0
554. Garden supply store-----	0	22	0
555. Retail lumber sales-----	0	81	2
556. Pet store/hospital-----	3	12	0
557. Barber, beauty shop-----	0	12	0

56. PROFESSIONAL SUPPLIES, SERVICES

561. Professional supp. sales-----	1	110	1
562. Trade supply sales-----	1	401	0
563. Art supply sales-----	0	24	0
564. Laundry/cleaner pick-up-----	0	86	2
565. Laundry/cleaners self-ser-----	6	155	8
566. Linen supply house-----	2	12	0
567. Home maintenance services-----	0	73	0
568. Restaurant supp/services-----	0	36	1

57. MOTOR VEHICLE, BOAT SALES, SERVICES

571. Service station, public-----	5	1216	31
572. Service station, private-----	0	14	0
573. Vehicle repair-paint shop-----	3	951	16
574. Vehicle, trailer sales-----	2	103	0
575. Vehicle accessory sales-----	0	191	1
576. Boat, craft sales-----	0	4	0
577. Service station, marine-----	0	0	0
578. Car washing facility-----	1	24	0

58. GENERAL ITEM STORES

581. Department store-----	5	49	1
582. Variety store, small-----	2	190	2
583. Variety store, large-----	0	89	0
584. Mail order store-----	0	12	0
585. Mall-----	0	12	0

59. OFFICES

591. General business office-----	15	218	3
592. Bank-----	1	24	0
593. Medical research office-----	2	12	0
594. Engineering/architectural-----	1	12	0
595. Mailing office-----	0	6	0
596. Post office-----	0	12	0

6. BASIC INDUSTRY, UTILITY, DEFENSE

61. NUCLEONICS, ENERGY PRODUCTION

614. Steam-heat energy plant--	1	0	0
615. Elec. generating plant---	0	12	0
616. Gas manufacturing plant--	0	12	0

62. LABORATORIES

621. Chemical-medical lab-----	2	24	0
627. Research general -----	1	24	0

63. COMMUNICATIONS, DOCUMENT FACILITIES

632. Radio, radar site -----	0	0	0
633. Fire-police comm. center--	0	6	0
634. Telephone exchange -----	0	12	0
635. Computer-data process----	0	12	0
636. Document-respository -----	1	12	0

64. UTILITIES

642. Elec. distrib. center-----	0	24	0
644. Gas distrib-pipeline-----	0	24	0
645. Flam liq. distrib. -----	0	118	2
646. Steam distrib. center-----	0	0	0
647. Water supply system-----	0	12	0
648. Sanitary-garbage service--	6	48	0

65. AGRICULTURE

657. Fruit, vegetable pack -----	0	48	1
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66. FORESTRY, HUNTING, FISHING

662. Log storage pile -----	0	0	0
664. Tree -----	0	0	0

68. NONMETALLIC MINERAL PRODUCTS MANUFACTURE

681. Clay products manufac -----	0	0	0
682. Glass manufac -----	0	0	0
683. Glass products manufac-----	0	0	0
684. Pottery manufac -----	0	0	0
685. Cement manufac -----	0	0	6
686. Concrete batch plant -----	0	12	0
688. Plaster prod. manufac-----	0	24	0

7. MANUFACTURING PROPERTY

FIRES-INSPECTIONS-VIOLATIONS

71. FOOD

711. Slaughter, meat -----	2	0	0
712. Dairy products mfg -----	8	24	0
713. Canning, fruits-veg-----	0	12	0
714. Canning, fish-sea food-----	0	12	0
715. Grain prod. mfg -----	5	36	0
716. Bakery prod. mfg -----	2	34	0
717. Sugar refining mfg -----	0	0	0
718. Snack foods mfg -----	0	12	0

72. BEVERAGE, TOBACCO, ESSENTIAL OILS

721. Distilling, spirits -----	0	0	0
723. Brewery -----	5	16	0
724. Soft drink -----	0	24	1
725. Tobacco prod. mfg -----	0	0	0
726. Soap making -----	0	12	0

73. TEXTILES

732. Cotton, weaving -----	2	12	0
734. Mixed fiber, weaving-----	0	12	0
735. Textile finishing -----	0	12	0
736. Knitting mills -----	0	0	0
737. Cordage, rope mfg -----	0	0	0
738. Floor covering mfg -----	0	24	0

74. FOOTWEAR, WEARING APPAREL

741. Footwear mfg -----	0	0	0
742. Wearing apparel mfg -----	1	24	0
743. Made-up textile mfg -----	0	12	0
744. Tanneries -----	2	36	4
745. Fur, fur prod. mfg -----	3	12	0
746. Leather prod. mfg -----	0	36	2
747. Rubber prod. mfg -----	0	24	0

75. WOOD, PAPER, FURNITURE, PRINTING

751. Sawmill-----	0	0	0
752. Wooden ware mfg -----	0	12	0
753. Wood, cork prod. mfg -----	0	12	0
754. Furniture mfg -----	0	12	0
755. Paper, paperboard mfg -----	5	48	0
756. Paperboard prod. mfg -----	5	48	1
757. Newspaper, magazine -----	2	24	0

FIRES - INSPECTIONS - VIOLATIONS

76. CHEMICAL, PLASTIC, PETROLEUM

761. Industrial chem. mfg -----	3	98	6
762. Hazardous chem. mfg -----	1	211	10
763. Plastic mfg -----	0	24	1
764. Plastic prod. mfg -----	1	85	2
765. Paints, adhesive mfg -----	5	109	4
766. Drugs, cosmetics mfg -----	0	10	0
767. Petroleum, gas refin -----	1	20	0
768. Asphalt, coal prod mfg --	1	12	0

77. METAL, METAL PRODUCTS

771. Iron, steel mfg -----	6	10	1
772. Non-ferrous metal mfg ---	2	12	0
773. Metal prod. mfg -----	11	36	1
774. Machinery mfg -----	4	12	0
775. Elec. machinery mfg -----	1	0	0
776. Elec. appliance mfg-----	1	24	0

78. VEHICLE ASSEMBLY, MANUFACTURE

781. Ship repairing (over 65')	0	0	0
782. Ship repair (under 65')--	0	0	0
783. Railway equip. mfg -----	0	12	0
784. Motor vehicle mfg -----	3	12	0
785. Bicycle assembly, mfg ---	0	0	2
786. Aircraft, rocket assy ---	0	0	0
787. Transport equip. mfg -----	0	12	0

79. OTHER MANUFACTURING

791. Instrument mfg -----	1	12	0
792. Photo, optical mfg -----	0	12	0
793. Watch, clock mfg -----	0	6	0
794. Jewe'ry mfg -----	0	24	2
795. Musical instr. mfg -----	0	0	0
796. Dry cleaning plant -----	3	24	2
797. Photo film process lab ---	0	12	0
798. Toy, sporting goods mfg---	1	36	1

70. MANUFACTURING PROPERTY, UNCLASST

708. General maintenance shop	0	140	0
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FIRES- INSPECTIONS-VIOLATIONS

. STORAGE PROPERTY

81. AGRICULTURAL PRODUCTS STORAGE

812. Boxed agricul. prod.-----	0	24	0
813. Loose agricul. prod.-----	0	24	6
815. Barns, stables-----	0	0	0
818. Agricul. supply storage-----	0	12	0

82. TEXTILE STORAGE

821. Baled cotton-----	0	12	0
824. Baled jute, hemp-----	0	0	0
825. Cloth, yarn-----	0	12	0
826. Wearing apparel-----	1	24	0
827. Leather products-----	0	41	0
828. Fur, hair products-----	0	12	0

83. PROCESSED FOOD, TOBACCO STORAGE

831. Packaged foodstuff-----	0	48	0
832. Canned-bottled food-drink---	0	36	0
833. Loose, bagged food-----	0	28	0
834. Food locker plants-----	1	0	0
835. Cold storage-----	0	12	0
838. Packaged tobacco prod.-----	0	31	0

84. PETROLEUM PRODUCTS, ALCOHOLIC BEV

841. Flam-comb- liquid tank-----	0	95	4
842. Gasometer, cryogenic gas---	0	0	0
843. LP gas plant-----	0	79	0
845. Packaged petroleum prod- ---	0	30	0
846. Alcoholic beverage-----	1	18	0
849.			

85. WOOD, PAPER PRODUCTS STORAGE

851. Lumberyard-----	0	36	0
852. Wood products-----	0	72	3
853. Fiber products-----	0	72	0
854. Rolled paper-----	0	66	0
855. Paper products-----	1	118	2

86. CHEMICAL, PLASTIC PRODUCTS

FIRES- INSPECTIONS-VIOLATIONS

861. Industrial chemical-----	2	120	5
862. Hazardous chemical-----	1	217	8
863. Plastic-plastic prod.-----	1	78	1
864. Fertilizer-----	0	7	0
865. Paint, varnish-----	1	115	5
866. Drugs, cosmetics-----	0	14	0
867. Rubber-rubber prod-----	1	117	3
868. Photo/film storage-----	0	10	0

87. METAL, METAL PRODUCTS STORAGE

871. Basic metal form-----	0	19	0
872. Metal parts-----	0	53	0
873. Hardware-----	0	120	3
874. Machinery-----	0	16	0
875. Elec appliance supply-----	0	25	0
876. Finished metal prod-----	1	49	1
877. Scrap, junk yards-----	8	112	14

88. VEHICLE STORAGE

881. Garage, residential-----	61	142	5
882. Metal parts-----	11	371	17
883. Bus-car-truck fleet dealer-----	0	124	1
884. Heavy machine equip-----	1	12	0
885. Marinas, boat, ship-----	1	10	2
886. Aircraft hanger-----	0	24	0
887. Railway storage-----	1	13	0
888. Fire stations-----	3	12	0

89. GENERAL ITEM STORAGE

891. General warehouse-----	41	510	49
892. Bagged mineral prod-----	2	49	2
893. Packaged mineral prod-----	0	47	1
894. Freight terminal-----	0	16	0
895. Coal, coke, charcoal-----	0	10	0
897. Ice storage-----	0	8	0
898. Wharf, pier-----	1	4	0

80. STORAGE PROPERTY, UNCLASSIFIED

808. Tool shed-----	0	0	0
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9. SPECIAL PROPERTY

91. CONSTRUCTION, UNOCCUPIED PROPERTY

911. Building under construction-	2	6	4
912. Building under demolition---	0	11	6
915. Vacant property-----	739	7200	1263
916. Contractor shed-----	14	0	0
918. Build/under renovation-----	21	83	10

92. SPECIAL STRUCTURES

FIRES

921. Bridge tressels-----	2
922. Tunnels-----	0
924. Toll station-----	0
925. Shelter, bus, storm-----	0
926. Outbuilding-----	2
927. Telephone booth, outdoor-----	1

93. OUTDOOR PROPERTIES

930. Outdoor unclassified-----	1487
931. Open land, field-----	14
932. Dump, landfill-----	1
933. Public mailbox-----	8
934. Cemetery-----	6
936. Vacant lot-----	252

94. WATER AREAS

942. Port, channel-----	3
946. Inland water area-----	0

95. RAILROAD PROPERTY

951. Railroad right of way-----	159
952. Switchyard-----	32
953. Siding-----	6

96. ROAD, PARKING PROPERTY

961. Divided highway -----	22
962. Paved public street-----	237
963. Paved private street-----	1
965. Open parking lot-----	3

97. AIRCRAFT AREA

971. in flight -----	0
972. on runway-----	1
974. at loading ramp-----	1

FIRES

MOBILE PROPERTY TYPE

1. PASSENGER ROAD VEHICLES

11. Automobile -----	1,245
12. Bus -----	19
13. Motorcycle-golf cart-snowmobile -----	5
14. Motor home-bookmobiles etc -----	1
15. Travel trailer -----	8
16. Camping trailer -----	2
17. Mobile home -----	0

2. FREIGHT ROAD TRANSPORT VEHICLES

21. Trucks over 1 ton, general use -----	55
22. Trucks under 1 ton, small -----	13
23. Semi-trailer truck -----	16
24. Tank truck, nonflam. cargo -----	0
25. Tank truck, flammable/combustible cargo--	6
26. Tank truck, compressed gas or LP gas -----	0
27. Trach truck -----	6

3. RAIL TRANSPORT VEHICLES

31. Passenger, diner car -----	2
32. Freight, box car -----	5
33. Tank car -----	0
34. Container, piggy back car -----	1
35. Inocomotive, engine -----	0
36. Self-powered car -----	0
37. Maintenance equipment car -----	0

4. WATER TRANSPORT VESSELS

41. Motor craft (under 65 feet) -----	2
42. Vessel (over 65 feet-under 1000 tons)---	1
43. Passenger ship -----	1
44. Tank ship -----	0
45. Combat ship -----	0
46. Cargo ship (other than above) -----	10
47. Vessel's without power -----	1
48. Commercial fishing vessel -----	0

MOBILE PROPERTY (continued) FIRES

5. AIR TRANSPORT VEHICLES

51. Aircraft (under 12,500 lbs)-----	1
52. Personal aircraft over 12,500 lbs.-----	0
53. Commercial transport (reciprocating engine)---	0
54. Commercial (Jet turbine powered) -----	1
55. Helicopters, non-military-----	1
56. Combat - type aircraft-----	0
57. Non-combat military type aircraft-----	0

6. HEAVY EQUIPMENT

61. Earth moving-bulldozers, graders etc.-----	2
62. Construction-pile drivers, compressors-----	0
63. Material handling-forklift-tow motors-----	0
64. Crane-----	1
65. Tractors, Harvesters, Picker-----	10
66. Drilling Rig.-----	0
67. Armored Cars-----	0
68. Space Vehicles-----	0

7. SPECIAL VEHICLES, CONTAINERS

71. Garden equip. snow blowers-----	0
72. Dumpsters-----	216
79. Special Vehicles not classified above-----	0

BREAKDOWN OF FIRE CODE VIOLATIONS

Cellar storage-----	98
Ceiling over furnace-----	187
Chimney/Flue-----	26
Clothing (flammable)-----	0
Debris/Rubbish (outside)-----	474
Exits/Exit signs-----	329
Electrical-----	239
Extinguishers-----	359
Filters/ Grease ducts-----	30
Fire Alarm systems-----	727
Fire escapes-----	273
Fireproofing-----	137
Flammable liquids-----	74
Housekeeping (general)-----	164
Junk storage-----	51
Oil burners-----	103
Oil/Grease/gas spills-----	30
Panic bars/egress doors-----	85
Permits (delinquent)-----	207
Salamander/illegal burning-----	7
Shut-off valves-----	23
Siamese caps/connections-----	18
Sprinklers-----	88
Standpipes-----	72
Stairwells-----	150
Storage (general)-----	132
Vacant buildings-----	962
Vehicles (blocking exits)-----	36
Weeds and brush-----	20
Miscellaneous (not classified)-----	630

VIOLATION NOTICES SENT----- 2809

(to owners-tenants-agents-to
correct violations)

IGNITION FACTOR

1. INCENDIARY TOTAL

11. Incendiary, not during civil disturb.-----	2126
12. Incendiary, during civil disturbance-----	0

2. SUSPICIOUS

21. Suspicious, not during civil disturb.-----	419
22. Suspicious, during civil disturbance-----	0

3. MISUSE OF HEAT OF IGNITION

31. Abandoned, discarded, cigarettes etc-----	756
32. Thawing-----	1
33. Falling asleep-----	89
34. Inadequate control of open fire-----	0
35. Cuttin, welding too close to-----	15
36. Children with, child playing-----	47
37. Drug, alcohol stupor, impairment-----	4

4. MISUSE OF MATERIAL IGNITED

41. Fuel spilled, released accidentally-----	6
42. Impoper fueling technique-----	0
43. Flammable liquid used to kindle fire-----	47
44. Washing part, refinishing, painting-----	5
45. Improper container-----	1
46. Combustible too close to heat-----	3
47. Improper storage-----	10
48. Children with, child playing-----	2

5. MECHANICAL FAILURE, MALFUNCTION

	TOTAL
51. Part failure, leak, break -----	1
52. Automatic control failure, delayed ign. -----	315
53. Manual control failure -----	0
54. Short circuit ----- -----	54
55. Other electrical failure -----	5
56. Lack of maintenance, worn out -----	4
57. Backfire (outside combustion chamber) -----	0

6. DESIGN, CONSTRUCTION, INSTALLATION DEFICIENCY

61. Design deficiency, catalytic converters -----	0
62. Construction deficiency -----	0
63. Installed too close to combustibles -----	3
64. Other installation deficiency -----	217
65. Property too close to (exposure fire) -----	156

7. OPERATIONAL DEFICIENCY

71. Collision, overturn, knockdown -----	98
72. Accidentally turned on-not turned off -----	5
73. Unattended -----	434
74. Overloaded -----	6
75. Spontaneous heating -----	4
76. Improper startup-shutdown procedure -----	2

8. NATURAL CONDITION

81. High wind -----	1
82. Earthquake -----	0
83. High water, including floods -----	0
84. Lightning -----	3

9. OTHER IGNITION FACTOR

91. Animal -----	1
92. Rekindled from previous fire -----	17
99. Other ignition factor not classified -----	116

FIRES - AREA OF ORIGIN

	TOTAL
0. MEANS OF EGRESS	
01. Hallway, corridor, mall -----	396
02. Exterior stairway, fire escape -----	47
03. Interior stairway, ramps -----	79
04. Escalator -----	0
05. Lobby, entrance way -----	38
1. ASSEMBLY, SALES AREA	
11. Large are w/fixed seats (100 or more) ---	1
12. Large open room w/o fixed seats -----	3
13. Small area less than 100 -----	12
14. Lounge area, living room-den etc -----	83
15. Sales, showroom, shop area -----	61
16. Library -----	0
17. Swimming pool -----	0
2. FUNCTION AREA	
21. Sleeping room under 5 persons -----	377
22. Sleeping area for 5 or more persons -----	0
23. Dining area, lunchroom, cafeteria -----	110
24. Kitchen, cooking area -----	118
25. Lavatory, locker room, cloakroom -----	32
26. Laundry room -----	43
27. Office -----	12
28. Personal service area, health club etc --	1
31. Laboratory -----	4
32. Printing/photographic room -----	0
33. First aid, treatment area -----	0
34. Operating, recovery room -----	0
35. Elec. equip. - data proc. area etc -----	1
36. Performance, stage, dressing room areas -	2
37. Projection room -----	0
38. Process, manufact. workroom area -----	1
4. STORAGE AREAS	
41. Storage tank or bin -----	16
42. Closet -----	226
43. Supply storage room -----	21
44. Records storage room, vault -----	5
45. Shipping, receiving areas -----	31
46. Trash, rubbish area, container -----	394
47. Garage, carport -----	79

5. SERVICE FACILITIES

	TOTAL
51. Elevator, dumb-waiter -----	14
52. Utility shaft -----	5
53. Light shaft -----	0
54. Chute, laundry-mail -----	2
55. Duct, heat-air cond. -----	2
56. Display window -----	3
57. Chimney -----	69
58. Conveyor -----	1

6. SERVICE, EQUIPMENT AREA

61. Machinery room -----	2
62. Heating equipment room -----	110
64. Incinerator room -----	0
65. Maintenance shop, welding, paint -----	9

7. STRUCTURAL AREA

71. Crawl space -----	20
72. Open porch -----	42
73. Concealed floor/ceiling space -----	11
74. Concealed ceiling/roof space -----	11
75. Concealed wall space -----	24
76. Exterior wall surface -----	209
77. Exterior roof surface -----	36
78. Awning -----	5

8. TRANSPORTATION, VEHICLE AREA

81. Passenger area -----	401
82. Trunk area -----	64
83. Engine area -----	414
84. Fuel tank, line area -----	27
85. Control area -----	17
86. Exterior area -----	30
89. Fully involved-----	344

9. OTHER AREA OF ORIGIN

91. On or near railroad right of way -----	205
92. On or near highway, street -----	1589
93. Court, patio, terrace -----	26
94. Lawn, field, parks, vacant lot -----	1489
95. Woods -----	0

FIRES - EQUIPMENT INVOLVED IN IGNITION	TOTAL
1. HEATING SYSTEMS	
11. Central heating unit -----	10
12. Water heater -----	0
13. Wall furnace-unit heater -----	0
14. Indoor fireplace -----	0
15. Portable unit-space-salamander -----	0
16. Chimney, flue -----	0
17. Chimney connector -smoke pipe -----	0
18. Steam, heating pipes-ducts -----	0
2. COOKING EQUIPMENT	
21. Fixed, stationary stove -----	434
22. Fixed, stationary oven-rotisseries -----	0
23. Food warming-urns, steam tables -----	0
24. Deep fat fryer -----	6
25. Portable unit-hot plate, toaster etc -----	4
26. Open fire grill, charcoal-barbeque -----	14
27. Grease hood, duct -----	10
3. AIR CONDITIONING, REFRIGERATION EQUIPMENT	
31. Central air-refrigeration -----	0
32. Water cooling device -----	0
33. Fixed local refrig. unit, freezer -----	0
34. Fixed local air cond. unit -----	2
35. Portable air cond./refrig. unit -----	0
4. ELECTRICAL DISTRIBUTION EQUIPMENT	
41. Fixed wiring-power lines, cables -----	9
42. Transformer -----	0
43. Meter, meter box -----	0
44. Panelboards, fuses, circuit breakers -----	0
45. Switch, receptacle, outlet -----	0
46. Light fixture, ballast, sign -----	1
47. Cord, plugs -----	5
48. Lamp, light bulb -----	1

5. APPLIANCES, EQUIPMENT TOTAL

51. Television, radio, tape recorder-----	19
52. Dryer-----	4
53. Washing machine-----	0
54. Floor care equipment-----	0
55. Separate motor, generator-----	21
56. Hand tools, soldering irons-----	0
57. Elec. blankets, steam irons-----	0
58. Elec. razors, can openers-----	0
59. Dishwashers-----	0

6. SPECIAL EQUIPMENT

61. Electronic-x-ray, computer-----	0
62. Vending machine-----	3
63. Office machine-----	7
64. Biomedical equipment, device-----	0
65. Separate pump, compressor-----	5
66. Internal combustion engine-----	7
67. Conveyor-----	1
68. Printing press-----	0

7. PROCESSING EQUIPMENT

71. Furnace, oven, kiln -----	1
72. Casting, molding equipment-----	2
73. Heat treating equipment-----	6
74. Shaping, sawing, grinding machines-----	1
75. Coating, asphalt-rubber-----	3
76. Painting,---dipping, spraying-----	9
77. Chemical process, digesters reactors-----	2
78. Waste recovery equipment-----	1

8. SERVICE, MAINTENANCE EQUIPMENT

81. Incinerator-----compactor)	1838
82. Bearing, brake-----	14
83. Rectifier, charger-----	2
84. Tarpot, kettle-----	14
85. Arc, oil lamp-----	12
86. Elevator-----	21
87. Torches, cutting, welding, plumbbers-----	1

9. OTHER OBJECT, EXPOSURE FIRE

91. Separate removed exposure (50 or more ft)-----	14
92. Separate detached (one to 50 ft)-----	116
93. Separate adjoining (less than one foot)-----	327
94. Attached protected exposure-----	41
95. Attached unprotected-----	63
96. Vehicle-----	41

FORM OF HEAT OF IGNITION	TOTAL
1. HEAT FROM FUEL FIRED, FUEL POWERED OBJECT	
11. Spark, ember, flame/gas fueled equip. -----	753
12. Heat from gas fueled equipment -----	79
13. Spark, ember, flame/liquid fueled equip -----	0
14. Heat from liquid fueled equipment -----	10
15. Spark, ember, flame/solid fueled equip.-----	2
16. Heat from solid fueled equipment -----	1
2. HEAT FROM ELECTRICAL EQUIPMENT ARCING, OVERLOADED	
21. Water caused short circuit arc -----	5
22. Short circuit from mechanical damage -----	10
23. Short circuit from defective/worn insulation	23
24. Short circuit arc, unspecified -----	325
25. Arc from faulty contact/loose connection ---	12
26. Arc from switch -----	2
27. Heat from overloaded equipment-----	16
28. Fluorescent light ballast -----	23
3. HEAT FROM SMOKING MATERIAL	
31. Cigarette -----	498
32. Cigar -----	2
33. Pipe -----	0
4. HEAT FROM OPEN FLAME, SPARK	
41. Cutting torch operations -----	15
42. Welding torch operations -----	12
43. Torch, plumbers, blow, soldering -----	4
44. Candle, taper -----	1
45. Match -----	114
46. Lighter, flame type -----	2
47. Open fire, camp, flares, rubbish -----	1096
48. Backfire from internal combustion engine ---	62

5. HEAT FROM HOT OBJECTS

TOTAL

51-Heat,spark from friction-----	1
52-Molten,hot material-----	2
53-Hot embers,ash-----	7
54-Electrical lamp,bulbs-----	6
55-Rekindle,reignition-----	23
56-Heat from properly operating elect.equip.-----	2
57-Heat from improperly operating equip.-----	4

6. HEAT FROM EXPLOSIVES, FIREWORKS

61-Explosives,bombs,ammunition-----	1
62-Blasting agent-----	0
63-Fireworks,sparklers-----	0
64-Paper cap,party popper-----	0
65-Model rocket-----	0
66-Incendiary device,molotov cocktail-----	89

7. HEAT FROM NATURAL SOURCE

71.Sun's heat-----	0
72.Spontaneous ignition,chemical reaction-----	4
73.Lightning discharge-----	4
74.Static discharge-----	0

8. HEAT SPREADING FROM ANOTHER HOSTILE FIRE(EXPOSURE)-

81. Heat from direct flame-----	210
82.Radiated heat-----	62
83.Heat from flying brand,ember-----	143
84.Conducted heat-----	96

TYPE OF MATERIAL FIRST IGNITED

	TOTAL
1. GAS	
11. Natural gas -----	3
12. LP-City gas -----	28
13. Manufactured gas -----	0
14. LP gas -----	0
15. Anesthetic gas -----	0
16. Acetylene gas -----	2
17. Specialty gas other than anesthetic---	0
2. FLAMMABLE, COMBUSTIBLE LIQUID	
21. Class 1A flammable liquid -----	3
22. Class 1B flammable liquid -----	0
23. Gasoline -----	25
24. Class 1C flammable liquid -----	0
25. Class II combustible liquid -----	4
26. Class IIIA combustible liquid -----	3
27. Class IIIB combustible liquid -----	0
3. VOLATILE SOLID, CHEMICAL	
31. Grease, Fat (food) -----	20
32. Grease (non-food) -----	0
33. Polish, paraffin, wax -----	0
34. Adhesive, resin, tar -----	1
35. Applied paint, varnish -----	1
36. Combustible metal, magnesium -----	0
37. Solid chemical -----	0
38. Radioactive material -----	0
4. PLASTIC	
41. Polyurethane -----	1
42. Polystyrene -----	2
43. Polyvinyl -----	5
44. Polyacrylic -----	0
45. Polyester -----	2
46. Polyolefin -----	0

	TOTAL
5. NATURAL PRODUCT	
51. Rubber -----	56
52. Cork -----	0
53. Leather -----	10
54. Grass, leaves, hay, straw -----	1390
55. Grain, feathers, flax, hemp -----	0
56. Coal, coke, briquettes -----	7
57. Food, starch -----	0
58. Tobacco -----	156
6. WOOD, PAPER	
61. Growing wood -----	32
62. Felled but unsawn wood -----	6
63. Sawed wood, finished lumber -----	340
64. Wood shavings, sawdust -----	2
65. Hardboard, plywood -----	51
66. Fiberboard, pressed wood products -----	5
67. Paper, untreated, uncoated -----	1637
68. Cardboard -----	16
7. FABRIC, TEXTILE, FUR	
71. Man-made fiber, fabric -----	292
72. Cotton, rayon -----	79
73. Wool, wool mixture -----	45
74. Fur, silk -----	5
75. Wig -----	0
76. Human hair -----	0
8. MATERIAL COMPOUNDED WITH OIL	
81. Linoleum -----	2
82. Oil cloth -----	0
83. Treated or coated paper -----	2
84. Waterproof canvas -----	0
85. Oily rags -----	10
86. Asphalt treated material -----	6

FORM OF MATERIAL FIRST IGNITED

1. STRUCTURAL COMPONENT, FINISH	TOTAL
11. Exterior roof covering -----	19
12. Exterior sidewall covering -----	193
13. Exterior trim, door, porch -----	141
14. Floor covering, tile, carpet, rug -----	76
15. Interior wall covering -----	111
16. Ceiling covering, acoustic tile etc -----	10
17. Structural member, framing -----	54
18. Thermal insulation within wall -----	0
 2. FURNITURE	
21. Upholstered sofa, chair -----	126
22. Non-upholstered chair, bench -----	13
23. Cabinetry, chests, bookcases -----	15
24. Ironing board -----	0
25. Appliance housing or casing -----	1
 3. SOFT GOODS, WEARING APPAREL	
31. Mattress, pillow -----	337
32. Bedding, blanket, sheet -----	296
33. Linen other than bedding -----	29
34. Wearing apparel not on person -----	0
35. Wearing apparel on person -----	1
36. Curtain, blind, drapery -----	19
37. Goods not made up, yard goods -----	0
38. Luggage -----	0
 4. ADORNMENT, RECREATIONAL MATERIAL	
41. Christmas tree -----	8
42. Decoration for special event -----	0
43. Book -----	0
44. Magazine, newspaper, writing paper -----	223
45. Toy, game -----	0
46. Awning, canopy -----	5
47. Tarpaulin, tent -----	0

5. SUPPLIES, STOCK

TOTAL

51. Box, carton, bag -----	32
52. Basket, barrel -----	1
53. Pallet, skid -----	5
54. Rope, cord, twine, yarn -----	17
55. Packing, wrapping material -----	22
56. Bale storage -----	19
57. Bulk storage -----	3
58. Cleaning supplies, brooms, brushes-----	15

6. POWER TRANSFER EQUIPMENT, FUEL

61. Electrical wire, cable insulation-----	53
62. Transformer -----	1
63. Conveyor belt, drive belt -----	0
64. Tire -----	14
65. Fuel -----	163

7. GENERAL FORM

71. Agricultural product -----	4
72. Fence, pole -----	4
73. Fertilizer -----	0
74. Growing form, brush, grass -----	1390
75. Rubbish, trash, waste -----	1037
76. Cooking materials -----	115
77. Sign -----	2

8. SPECIAL FORM

81. Dust, fiber, lint -----	4
82. Pyrotechnics, explosives -----	0
83. Atomized, vaporized liquid -----	0
84. Chips -----	53
85. Palletized material, stored -----	42
86. Gas or liquid from pipe or container--	2
87. Rolled material, paper -----	
88. Adhesive -----	

BUREAU OF INVESTIGATION

(ARSON SQUAD)

Annual Report Submitted By

Battalion Chief Carl E. Stoffers

For The Year Of 1979

The year 1979 started with a period in which fifty (50) lives were lost due to both accidental and incendiary fires in the cities of Northern New Jersey. One of these cities was Newark. Because of these tragedies New Jersey was termed "Arson Capital of the Northeast". Federal and State officials started campaigns toward data gathering, prevention and apprehension of arsonists. In June of 1979 the federal government, through the "Law Enforcement Assistance Administration", (LEAA) allocated money to be distributed throughout the United States in the form of grants. With the help of the Criminal Justice Planning Agency City of Newark, we received a grant of \$200,000.00. This grant is to be used for seven new investigators, data gathering and arson prevention. Cooperation with fire, police, insurance companies and citizen groups was also a requirement of the grant. New Jersey alone received over \$1,000,000.00 during the calendar year 1979 to fight arson. The bulk of this money, \$600,000.00, went to the state government. Newark will benefit from the state grant in the form of training in arson detection that will be provided to fire fighters. Investigators will also be trained in fire and arson investigation by the state.

The complete records of all investigations conducted by the Arson Squad, including photographs, evidence, statements, etc. are on file in the Arson Squad office and will be made available to interested parties where needed for deposition, Grand Jury presentation, criminal prosecution, civil suit or for any purpose demanded by law.

Records of juvenile apprehensions, adult arrests, together with court disposition of these arrests, are on file in the Arson Squad office, and will be made available to the proper authorities on request.

The Arson Squad has maintained a daily association with other bureaus of municipal government, such as the Newark Police Department Youth Aid Bureau, Board of Education, Fire Prevention Bureau and the Department of Health and Welfare.

BUREAU OF INVESTIGATION

(ARSON SQUAD)

Page 2

Throughout the past year, we have continued our liaison with the New Jersey State Police, Essex County Prosecutor's Office, Federal Bureau of Investigation, New Jersey Motor Vehicle Department, New Jersey Youth and Family Services. These agencies have given us important assistance in many of our investigations and we express our gratitude for this help.

The following is a list of other activities of the Arson Squad for 1979.

- 1- In conjunction with the Strike Force organized by the New Jersey Attorney General the arson squad has continued to investigate the illegal dumping of chemical waste.
- 2- In March one member attended a seminar on arson conducted by the Federal Bureau of Investigation (FBI) at their Academy in Quantico, Virginia.
- 3- One member attended the FBI Academy for a period of twelve weeks starting in April
- 4- During the month of March, through the Attorney General, Governor Brendan Byrne organized a Task Force to develop "A New Jersey Strategy for Arson Control". One member of the arson squad was invited to attend and became an active member.
- 5- The second annual arson seminar was presented to police and fire personnel at the Essex County Police Academy. The arson squad did the coordinating and the bulk of the instruction for this very successful 40 hour training session.
- 6- The FBI hosted a symposium that dealt with arson and white-collar crime. One member attended this session which was held in December at the FBI Academy.
- 7- Two new men who were assigned to the arson squad were sent to the annual arson seminar conducted at Rutgers University.
- 8- John Jay College of Criminal Justice offered a weekend seminar in September that was attended by two men.
- 9- Five men also attended the seminar at the Essex County Police Academy that was conducted by the arson squad.

BUREAU OF INVESTIGATION

(ARSON SQUAD)

Page 3

10- All members received in-service fire arms training during the months of October and November.

The Essex County Prosecutor's Office has requested and received assistance from us on several occasions. On these occasions members of the squad have appeared as expert witnesses for the Prosecutor against arsonists and members of organized crime.

During the course of the year several cities in Essex County have called on and received assistance from the squad.

At this time I would like to thank the Newark Demolition Team for the help and cooperation they so willingly give when they respond to the scene of a fire tragedy. The expert operation of heavy construction equipment and the knowledge they have of demolishing buildings certainly makes our job easier when we have to search through debris for evidence of arson or for victims of fire.

I wish to take this opportunity to thank Director Caulfield, Chief O'Beirne, Chief Kossup and all the officers and members of the Newark Fire Department for the cooperation and assistance they have given to the arson squad in 1979.

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BUREAU OF INVESTIGATION
 (ARSON SQUAD) Page 6
DEATHS BY FIRE 1979

<u>DATE</u>	<u>TIME</u>	<u>STATION</u>	<u>ADDRESS</u>	<u>SEX</u>	<u>AGE</u>	<u>CAUSE</u>
1/13	0446	3224	92 Broad St.	F	17mos.	A
2/3	0901	5155	4 Waydell St.	M	59	U
2/3	0901	5155	4 Waydell St.	F	58	U
2/3	0901	5155	4 Waydell St.	F	78	U
2/4	2059	2237	30 E. Kinney St.	M	30	I
2/4	2059	2237	30 E. Kinney St.	F	10	I
2/4	2059	2237	30 E. Kinney St.	M	95	I
2/4	2059	2237	30 E. Kinney St.	F	1	I
2/4	2059	2237	30 E. Kinney St.	M	82	I
2/4	2059	2237	30 E. Kinney St.	F	76	I
2/11	0611	4728	69 Lincoln St.	M	52	U
2/16	0321	1412	76-78 So. 8th St.	M	6	U
2/16	0321	1412	76-78 So. 8th St.	M	93	I
2/24	0339	4465	497 So. 17th St.	F	26	I
3/21	1959	3244	41 Delevan Ave.	M	22	U
4/12	0510	5447	81 Delancey St.	F	10days	I
4/12	0510	5447	81 Delancey St.	F	45	I
4/12	0510	5447	81 Delancey St.	M	75	I
4/13	2314	1369	243 6th Ave.	F	20	I
4/13	2314	1369	243 6th Ave.	M	15	I
4/13	2314	1369	243 6th Ave.	F	86	I
4/13	0459	4458	540 So. 16th St.	M	86	I
4/27	0459	1533	908 So. Orange Ave.	F	52	I
4/18	0149	1533	908 So. Orange Ave.	M	74	I
4/18	0149	1533	8 May St.	F	56	I
4/7	0050	3252	69 Lincoln St.	M	7mos.	I
5/6	0719	4728	26 St. Charles St.	M	13	I
5/15	1314	5355	49 Hill St.	M	70	I
5/31	1624	2244	70 Chester Ave.	M	71	I
6/1	0545	3234	544 Mt. Prospect Ave.	F	70	I
10/15	2332	3328	272 Hawthorne Ave.	M	35	I
10/31	0415	4245	347 Springfield Ave.	F	19	I
11/16	0420	4212	347 Springfield Ave.	F	20	I
11/16	0420	4212	N.J. Turnpike	M	?	I
11/16	1337	5348	270 So. 19th St.	F	32	I
11/16	1359	1449	5-7 Lincoln Park	M	47	I
11/18	0020	2312	89 Nichols St.	M		I
12/1	1319	5475	71 Wickliffe St.			I
12/15	0401	1132				

A-Accidental U-Undetermined I-Incendiary

BUREAU OF INVESTIGATION

(ARSON SQUAD)
Page 4

MISCELLANEOUS STATISTICS

False Alarms, Juveniles Apprehended

Juveniles referred to Youth Aid Bureau	4
Juveniles reprimanded	43
Juveniles referred to J.I.N. (Juveniles in Need of Supervision)	0
<u>Total</u>	<u>47</u>

Other than false alarm, Juveniles Apprehended

Juveniles referred to Youth Aid Bureau	18
Juveniles reprimanded	15
Juveniles referred to Youth and Family Services	2
<u>Total</u>	<u>35</u>

Adult Arrests

Setting Fires	42
False Alarms	3
Others	11
<u>Total</u>	<u>56</u>

Court Appearances

133

Court Hours (Man Hours)

472

Deaths at Fires

Adult Males	13
Adult Females	14
Juvenile Males (Under 18)	5
Juvenile Females (under 18)	5
<u>Total Deaths</u>	<u>37</u>

Firea Investigated

Signal 100-102	1861
Second Alarms	73
Third Alarms	9
Fourth Alarms	2
Signal 200	25
<u>Total</u>	<u>1970</u>

BUREAU OF INVESTIGATION

(ARSON SQUAD) Page 5

MISCELLANEOUS STATISTICS

Arson (Incendiary)	1783
Accidental or Carelessness	95
Undertermined	119
Total	1997
	1997
False Alarms (Signal 300)	19
Complaints	226
Total	245
	245
New Applicants Investigated	40
Out of Town Investigations	0
Motor Vehicle Accidents	1
Total	41
	41
Total Investigations	2283

FIRE SIGNAL SYSTEM OPERATIONS

1979 ANNUAL REPORT

Robert L. Higgins Chief

In Compliance with the Rules and Regulations of the Newark Fire Department,
I hereby submit this annual report.

1. Alarms Transmitted	24,952
2. Box Tests Supervised	4,370
3. Tests From Private Fire Alarm Companies Supervised	3,000
4. Tests Conducted of Airport Fire Alarm Facilities	365
5. Telephone Calls Handled Over Centrex System (Approx.)	480,000
6. Radio Calls Handled (Approx.)	240,000
7. Number of Circuits Tested	79,000
8. Misc. Reports Prepared and Distributed	9,300
9. Individuals and Agencies Dispatched to Multiple Alarms	3,060
10. Prepare and Distribute Daily Alarm Summary Reports	365
11. Prepare Orders for Purchase of Equipment and Materials necessary for this Division	
12. Verify Invoices and Bills Related to all Fire Department Telephones	
13. Supervise Installation of New Equipment within the Central Office	
14. Other Job Operations (Bookkeeping, Janitorial duties, etc.)	

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	TOTAL ⁵
1. Box Alarms Transmitted													
A) Full Assignment Alarms	358	280	359	317	311	340	350	290	261	232	236	260	3594
B) Signal Eight Alarms (one engine, one truck) & Battalion Chief	101	133	67	66	67	72	106	89	79	61	42	60	943
C) Signal nine Alarms (Two engines One truck) & Battalion Chief	537	529	753	945	967	1021	1055	828	815	638	899	743	9730
D Total of the foregoing	996	942	1179	1328	1345	1433	1511	1207	1155	931	1177	1063	14267
2. One Unit Alarms Transmitted													
A) Single Company (Fire, Emergencies, etc.)	761	890	963	902	960	824	1060	828	893	866	891	947	10,685
3. GRAND TOTAL A) Paragraph (#1 & #2)	1757	1832	2142	2230	2305	2257	2571	2035	2048	1797	2068	2010	24,952
4. Alarm Received From (By)													
A) Fire Box	483	408	744	841	916	948	985	744	726	569	794	604	8762
B) Telephone	431	425	373	426	389	425	469	411	372	312	348	406	4787
C) Central Automatic Systems	66	98	49	41	22	40	39	35	40	35	20	36	521
D) Police Dept.	11	7	6	7	9	7	7	6	8	6	6	10	90
E) Radio System	5	4	7	13	9	13	11	11	9	9	9	7	107
TOTAL of the foregoing	996	942	1179	1328	1345	1433	1511	1207	1155	931	1177	1063	14267

5. MULTIPLE ALARMS

	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL
A) Second Alarms	7	14	8	10	4	7	3	1	3	4	7	5	73
B) Third Alarms	2	1	0	0	2	0	0	0	0	2	0	0	9
C) Fourth Alarms	1	0	0	1	0	0	0	0	0	0	0	0	2
TOTAL MULTIPLE ALARMS	10	15	8	11	6	7	3	1	5	4	7	7	84

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6. ALARMS FROM FIRE BOXES

A) Total number of FIRE Alarm Boxes pulled for incidents	555	469	855	967	1053	1090	1132	855	834	654	913	694	10071
B) Number of signals from fire boxes held because alarm had already been transmitted.	72	61	111	126	137	142	147	111	108	85	119	90	1309

7. REPORTS FOR SAME FIRE RECEIVED THROUGH TWO UNRELATED MEDIUMS

A) Confirming alarm received from fire box after notice by phone	30	28	40	50	48	55	61	42	40	27	39	37	497
B) Confirming phone notice received after alarm from fire box	19	26	31	29	33	30	32	27	26	25	31	23	332
C) Alarm received by one medium only	947	888	1108	1249	1264	1348	1418	1138	1089	879	1107	1003	13438
D) Alarm received thru more than one medium	49	54	71	79	81	85	93	69	66	52	70	60	829
8. UNITS RELOCATED DURING EMERGENCIES	85	117	94	84	83	72	29	30	65	57	64	58	838
9. TELEGRAPH SIGNALS TRANSMITTED	6396	7582	9239	10399	9857	10136	10990	8162	8569	7282	8018	6530	103160
10. UNITS ENROUTE TO ALARMS STOPPED BY RADIO AND PUT IN SERVICE	4382	4144	5187	6314	5918	6305	6648	5310	5082	4096	5118	4617	63121
11. NEWARK COMPANIES DISPATCHED TO ASSIST ESSEX COUNTY COMMUNITIES	2	3	8	1	6	1	2	1	3	12	4	4	47

FIRE SIGNAL SYSTEM

CONSTRUCTION & MAINTENANCE

ANNUAL REPORT

FOR THE YEAR 1979

submitted by Edward W. Przybylowicz, Chief

As reflected by the following account of our activities, this Division had a banner year in 1979.

Had we not had the full cooperation of our City Fathers, the Director, Fire Chief and all members of the Fire Department, this would not have been possible.

I take this opportunity to also thank the Officers and Members of this Command, the Operating Division, and all others for their continued assistance.

Subterranean ducts rodded/cleaned (feet of)	14,555
Pull wire installed in ducts (feet of)	16,967
Subterranean cable installed (feet of conductor)	153,459
Single line conductor installed (feet of)	1,925
Twin Ruraline wire installed (feet of conductor)	12,400
Subterranean cable removed (feet of conductor)	158,459
Line wire removed (feet of)	15,859
Galvanized messenger wire removed (feet of)	700
Fire alarm boxes installed (new)	3
Fire alarm boxes installed (modified)	64
Fire alarm boxes relocated	9
Fire alarm boxes to shop for service/modification	64
Fire alarm boxes inspected/tested/wound	235
Fire alarm boxes tested/wound	5,993
Stanchions reset	17
Junction boxes installed	6
Junction boxes replaced	19
Stanchions/junction boxes rehabilitated	128
Stanchions/junction boxes removed	3
Pole line construction released only	5
Pole line hardware/crossarms replaced only	319
Pole transfers completed	62
Line wire protective coverings installed	3
Trees trimmed	254
Ground Rods buried	4
Fire house batteries serviced (sets of)	360
Fire alarm box painting supervised	61
Field inspections (hours of)	229
Field facility patrol (miles of)	213
Training sessions (hours of)	48
Housekeeping/vehicle maintenance (hours of)	48
Corrective functions performed	6,169
Major job operations completed	4,661
Minor job operations completed	5,752
Pre-construction conferences attended	12
Surveys for private fire alarm systems conducted	6
Central office equipment maintenance (hours of)	120

SPECIAL SERVICE AND SUPPLY COMPANY

Annual Report submitted by
William R. Schick, Battalion Chief
for the year 1979

The Special Service Division operated on an around the clock basis throughout the year, and continued to supply the necessary services of repair and supply to all Fire Department units, and to provide various other services to city departments and agencies, and the community in general. These services were provided by our personnel, some of whom are assigned to tours on an around the clock basis, and some on a daytime basis. Many and varied activities consistent with the efficient operation of the department were engaged in and carried out by the various sub-divisions of Special Service as follows:

DELIVERY AND PICK-UP SERVICE: Deliveries and pick-ups were made on a morning, afternoon, and evening basis, on a routine schedule. Items of an emergency nature were handled immediately on a twenty-four hour a day basis. Items handled were such things as housekeeping supplies, tools, equipment, extinguishers, oxygen, air cylinders, masks, furniture, lockers, rock salt, ladders, hose, and other supplies and equipment that require storage and transportation.

Special Service personnel responded to multiple alarm fires and special calls, with fuel and apparatus, air tanks, salvage covers, Hi-Fx Foam equipment, smoke ejectors, flood lights and generators.

Special Service is also charged with the pick-up from fire scenes of salvage covers, the cleaning and maintenance of same, the re-distribution of these salvage covers to fire companies throughout the fire department.

Fire apparatus requiring repairs or adjustments were picked up and delivered to the affected fire companies by Special Service personnel.

MESSENGER SERVICE: This service is provided by Special Service personnel. The messenger carried out his prescribed duty daily, calling on Headquarters, as well as all Chiefs' quarters. This is the inter-departmental mail system.

MASK REPAIR DEPARTMENT: The mask department is charged with the repair and maintenance of all types of masks used by the department. During the past year this department made more than 2,400 repairs to masks, and more than 1,600 repairs to tanks.

AIR PURIFICATION UNIT: Over 9,000 air tanks were filled during the past year by this unit. Also filled were more than 200 oxygen cylinders, over 300 CO₂ extinguishers, and 165 dri-powder extinguishers. This unit also received and put into operation a new hi-pressure, pure air, compressor system, to service the new type Survivair Pressure demand type mask. To comply with both state and federal health laws, the air purification unit sends air samples, monthly, to a private laboratory for testing.

Special Service & Supply (2)

CANVAS SHOP. Canvas items such as turntable covers, chain saw sheaths, electrical generator covers, turret nozzle covers, hose and hose bed covers, rope bags, tool kits, and various other types of canvas articles were made and maintained by this unit.. The canvas shop made and repaired window shades for the various fire companies.

STOCK ROOM. All tools, equipment, devices and supplies for the various companies were ordered, received, checked, recorded, stored, and distributed to units as needed. Stock room personnel repaired porto-lites, desk lamps, extension cords, K-12 saws, generators, etc. They also made special belts and straps, tested salvage covers, and made the necessary arrangements with the carpenter shop to repair and replace hook and axe handles, skid load panels, hose decking, apparatus windshields, and canopies, also the maintenance and repair of all Fire Department buildings.

APPARATUS MAINTENANCE. All fire apparatus in service, and all spare apparatus were tested by this department in accordance with accepted procedures. Apparatus repairs were scheduled by this department, and records of such repairs recorded and filed. Brackets and accessories on new apparatus were installed by these personnel. The scheduling and maintenance of the department preventative program was administered by this unit.

Specifications for the purchase of new apparatus were also drawn up by this unit in conjunction with the Fire Chief. This activity and the acceptance procedure for new vehicles often required meetings with the agents and representatives of manufacturers concerning acceptance tests, malfunctions, and deviations from specifications.

This unit certified drivers and tillermen, visited firehouses specifically to conduct drills and to explain the operation of equipment and the maintenance of same.

HOSE SHOP. This unit kept all fire companies properly supplied with hose, and conducted the yearly hose test. All over-age and defective hose was removed from service. The hose shop repaired when possible, damaged hose, nozzles, valves, adapters, hose fittings, brackets, and other miscellaneous equipment.

LADDER SHOP. This unit receives and maintains all new ladders for the fire service. All damaged ladders are picked up, repaired and returned to service.

GENERAL. The program for inventory and test control of gas pressure cylinders in use throughout the department continued through the year. These cylinders include air tanks, oxygen tanks, CO₂ tanks, dry powder and dry chemical tanks, water extinguishers; all such cylinders are tested on a continuing basis as prescribed by law.

Special Service is also charged with receiving and forwarding complaints to the appropriate city agency or jobber, of Fire Department building repairs.

Special Service & Supply (3)

Community assistance activities included the following during the the past year:

Pumping out cellars and basements, and community owned swimming pools.

Provided for and operated portable electric generators, lamps, cables at emergency situations.

Responded with Hi-Ex Foam Generator, and smoke ejector on request.

Provided extinguishers for protection at various functions, and for demonstration purposes.

Picked up and delivered salvage covers used by fire companies, washed, dried, stored, and maintained same.

Each sub-division of Special Service maintained records and file system, submitted reports consistent with duties and activities, engaged in necessary clerical work consistent with objectives; maintained correspondence and telephone communications essential with operations and duties; and performed housekeeping duties necessary to maintain quarters in a clean and presentable condition.

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APPARATUS DIVISION

Annual Report for the year 1979

submitted by

Supervisor of Apparatus

Daniel J. Tauriello

The following duties were performed by Supervisor of Apparatus, Daniel J. Tauriello during the year 1979:

1. Acted as liaison between repair shop when apparatus was being serviced, and the Chief's office to give him progress reports.
2. Tested all pumper in compliance with N.F.P.A. standards.
3. Inspected and tested all aerial and ground ladders.
4. Certified drivers and tillermen.
5. Trained and certified pump operators and aerial ladder operators.
6. Assisted in the change-over of apparatus.
7. Supervised the record-keeping of repairs to apparatus.
8. Assisted in various training activities at the Training Center.
9. Visited fire companies and lectured on the subjects of fire ground hydraulics, safe driving practices and care of apparatus.

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SPECIAL SERVICE AND SUPPLY COMPANY

Hose Division

Annual Report for 1979
submitted by
Captain Paul Duleba

The following is an inventory of the amount of fire hose in service, new hose in reserve, and used hose on hand, and the amount of brass work done as of the year ending December 31, 1979:

<u>Hose Inventory</u>		<u>Total Available</u>
4 $\frac{1}{2}$ "	In service with companies	32 - 15 ft. lengths
4 $\frac{1}{2}$ "	In reserve (new hose)	1 - 15 ft. length
4 $\frac{1}{2}$ "	In reserve (used hose)	4 - 15 ft. lengths
		<u>37 - 15 ft. lengths</u>
		480 ft.
		15 ft.
		<u>60 ft.</u>
		<u>555 ft.</u>
3"	In service with companies	337 - 50 ft. lengths
3"	In service with companies	various lengths
3"	In reserve (new poly hose)	48 - 50 ft. lengths
		<u>385 - lengths</u>
		16,850 ft.
		2,400 ft.
		<u>2,400 ft.</u>
		<u>21,650 ft.</u>
2 $\frac{1}{2}$ "	In service with companies	468 - 50 ft. lengths
2 $\frac{1}{2}$ "	In reserve (new poly hose)	47 - 50 ft. lengths
2 $\frac{1}{2}$ "	In reserve (used C/P hose)	80 - 50 ft. lengths
		<u>595 - 50 ft. lengths</u>
		23,400 ft.
		2,350 ft.
		<u>4,000 ft.</u>
		<u>29,750 ft.</u>
1 $\frac{3}{4}$ "	In service with companies	82 - 50 ft. lengths
1 $\frac{3}{4}$ "	In reserve (new poly hose)	19 - 50 ft. lengths
		<u>101 - 50 ft. lengths</u>
		4,100 ft.
		<u>950 ft.</u>
		<u>5,050 ft.</u>
1 $\frac{1}{2}$ "	In service with companies	445 - 50 ft. lengths
1 $\frac{1}{2}$ "	In reserve (new poly hose)	58 - 50 ft. lengths
1 $\frac{1}{2}$ "	In reserve (used C/P hose)	32 - 50 ft. lengths
		<u>535 - 50 ft. lengths</u>
		22,250 ft.
		2,900 ft.
		<u>1,600 ft.</u>
		<u>26,750 ft.</u>
1"	Booster hose in service	52 - 50 ft. lengths
1"	Booster hose in reserve	2 - 50 ft. lengths
3/4"	Booster hose in service	130 - 50 ft. lengths
3/4"	Booster in reserve	7 - 50 ft. lengths
		<u>191 - 50 ft. lengths</u>
		2,600 ft.
		100 ft.
		<u>6,500 ft.</u>
		<u>350 ft.</u>
		<u>9,550 ft.</u>

Special Service & Supply Company

Hose Division (2)

New Hose Received

	<u>New Hose Received</u>	<u>Total Available</u>	
4½"	Soft Suction (15 ft. lengths)	4 lengths	60 ft.
3"	100% Poly 2½" couplings	75 lengths	3,750 ft.
2½"	100% Poly hose	60 lengths	3,000 ft.
1 3/4"	100 % Poly	82 lengths	4,100 ft.
1½"	100% Poly	100 lengths	5,000 ft.
1:	Booster (50 ft. lengths)	5 lengths	250 ft.
		<u>326</u> lengths	<u>16,160</u> ft.

HOSE REPAIRED

4½"	Soft suction	13 - 15 ft. lengths	195 ft.
3"	Hose	58 - 50 ft. lengths	2,900 ft.
2½"	Hose	54 - 50 ft. lengths	2,700 ft.
1 3/4"	Hose	27 - 50 ft. lengths	1,350 ft.
1½"	Hose	49 - 50 ft. lengths	2,450 ft.
Booster		<u>15</u> - 50 ft. lengths	<u>750</u> ft.
		212 lengths	10,600 ft.

HOSE TESTED

3"	Hose	344 - 50 ft. lengths	17,200 ft.
3" & 2½"	Hose (various lengths)	-----	4,000 ft.
2½"	Hose	376 - 50 ft. lengths	18,800 ft.
1 3/4"	Hose	63 - 50 ft. lengths	3,150 ft.
1½"	Hose	369 - 50 ft. lengths	18,450 ft.
3/4" & 1"	Booster	120 - 50 ft. lengths	6,000 ft.
		1,272 lengths	67,600 ft.

Number of valves, adapters, nozzles, equipment and miscellaneous articles repaired or installed during the year. - Total of items - 397

Special Service Performance Report
for the year 1979

Number of alarms answered	167
Number of pickups and deliveries made	9,838
Gasoline distributed at fires	265 gals.
Motor oil distributed at fires	38 quarts
Diesel oil distributed at fires	155 gals.
Electric generator used	5
Floodlight cable used	400 ft.
Number of lights used	12
Window Shades made	120
Cellars pumped out	170
Hours spent pumping out cellars	479
Portolites repaired	119
Portolite batteries distributed to companies	465
Liquid foam distributed to companies	295
Oxygen cylinders refilled	213
Scott & M.S. ² A. air cylinders refilled	9,350
15 lb. C.O. ² extinguishers refilled	303
Masks repaired	2,443
Canvas covers for bags, boxes, deck, etc.,	
Made and Repaired	207
Air tanks repaired	1,652
Dri-powder extinguisher refill	165
Smoke ejector on special calls	3
Hi-Ex Expansion foam unit on special calls	2
Ladders repaired	149
Ladders repaired (feet)	4,806 ft.
Movement of apparatus	515
Salvage covers picked up, washed, delivered	254

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TRAINING DIVISION

Annual Report for 1979
submitted by
Deputy Chief Joseph J. Pierce
Chief Training Officer

The Division of Training is responsible for all phases of Fire Department training. This responsibility includes training of recruit firefighters, in-service fire service personnel and industrial fire brigades. The carrying-out of these responsibilities is accomplished through course material presented at the Battalion and Company level. The training goals and objectives established by this command are compatible with the behavioral objectives established by the National Fire Protection Association Standard 1001 and programs of instruction postulated by the International Fire Service Training Association.

The following major training programs were completed under the direct supervision of Training Division Personnel:

MAJOR TRAINING PROGRAMS

Survive Air Mask Course	1/23	-	6/5
Chief Officers Seminar - (Field Operations)	2/22	-	3/28
Community Workers (C.E.T.A.) (Special Class - Smoke Detector)	3/12	-	3/22
Eleventh Probationary Class	4/16	-	5/11
Defensive Driving Course	4/20	-	5/11
Tactical Fire Attack and Smoke Detectors	5/31	-	8/31
P.A.T.H. R/R Safety Course	9/10	-	10/1
Newark Auxiliary F/F Basic Training	10/2	-	12/12
Fire Department Reports and Forms Course	10/2	-	12/12
Twelfth Probationary Class	12/19	-	12/31

SPECIALIZED TRAINING

Rescue Squad - Water Drill - Chem/gas suit
Chief Officers - (Communications)
Newark Fire Arson Unit - Molotov Cocktails
Supervisors from Various Newark Departments, Driver Training
Port Authority Police (Airport) Foam Operations
Montclair Fire Department - Flammable Liquid Fires

A very important part of this Division's responsibilities is the training of industrial fire brigades and security forces of other governmental agencies. Training in first aid, firefighting and related subjects, was offered to the following agencies:

Ashland Chemical Corp., Fords N. J. Plant
Atlas Refining Company
Newark College of Dentistry & Medicine
Benjamin Moore Paint Company
City of Newark Supervisory Personnel

Training Center - Page 2

Rutgers College
East Orange High School Catholic
St. Michael's Hospital
St. Benedict's School
Delta Air Lines
Newark Library
U. S. Postal Service
City Hall Employees (Newark)
Louise A. Spencer School
Protestant Community Center
Walsh Day Care Center

The Training Center Staff supervised the on-going evaluation of various items of firefighting turncoat gear, in particular, turnout coats, helmets, gloves and reflective markings. Several new tools were evaluated, one of which proved to be successful and was purchased, -the flow meter system (Multi-Sensor), giving the department the capability of testing fog nozzles which previously could not be tested. It will reduce time needed to make the test, will cut pumper fuel consumption, will minimize wear on pumpers and save man-hours.

The Commanding Officer of the Division continued to serve as Chairman of the Fire Department Accident Prevention Board and as a member of the City-Wide Accident Review Board under Mr. Elton Hill. In line with these responsibilities, Safety Tip Bulletins were issued periodically to all units within the department regarding safe driving practices. A summary of the activities of the Accident Prevention Board has been submitted under separate cover.

The Safety-Water Officer has worked closely with the Water Department in getting out-of-service hydrants identified and placed back in service, also conducted monthly safety meetings and investigated on-the-job accidents.

The Commanding Officer of the Training Center and the Staff wish to extend thanks and express their gratitude to Fire Director John P. Caufield and to Fire Chief Stanley Kossup for their wholehearted and active support of their activities during 1979. Without this enthusiastic support it would have been impossible for the Division to achieve its goals.

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ACCIDENT PREVENTION COMMITTEE

Annual Report for 1979
submitted by
Joseph J. Pierce, Deputy Chief

In 1979, the Fire Department experienced 58 accidents and 10 incidents. This is an increase of 11 accidents over 1978.

We reviewed all accidents and incidents; of the 58 accidents reviewed, 7 were found to be preventable and 11 preventable with an explanation.

All drivers involved in preventable, or preventable with an explanation, received additional training under the direction of the Supervisor of Apparatus.

The most common types were:

Type B - Our vehicle hit in the rear by other vehicle: - 9

Type C - Intersection/crossing - 7

None of our drivers experienced more than one preventable, or preventable with an explanation, accident during 1979.

Four accidents were referred to the City-wide Accident Review Board.

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TRAINING DIVISION

Annual Report for 1979 submitted by
Battalion Chief Fred Boehringer
Safety Officer

Listed below are activities performed by the Safety Officer during the
during the year 1979.

1. Ordered and distributed first aid supplies to fire companies.
2. Assisted in training fire companies at the Training Academy.
3. Attended weekly meetings with Chief Wall to evaluate the training
program and injuries to personnel.
4. Assisted in training industrial fire brigades.
5. Visited Grumman Aircraft to inspect new firefighting gear.
6. Held first aid classes for civic organizations in the city.
7. Served as chairman of the safety committee and held meetings with
the safety committee at the academy during the year.
8. Attended Accident Review Board meetings, Fire Department and
city-wide.
9. Served as Executive officer of the Training Academy.

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TRAINING DIVISION

Annual Report for 1979 submitted by
Fred Boehringer, Battalion Chief
Water Officer

During the year 1979 I performed or assisted in the following activities:

1. Processed approximately 1,100 hydrant repair cards.
2. Responded to multiple fire alarms between the hours of 0800 - 1600 hours.
3. Attended 40 meetings with Thomas Ewing, Superintendent of the Water Department, Fire Chief James P. O'Beirne, and Fire Director John P. Caufield to discuss hydrant problems.
4. Investigated and did follow-up work relative to hydrant complaints.
5. Acted as liaison between the Fire Department and Water Department, through either verbal or written reports.
6. Together with the Water Department, conducted 8 water flow tests.
7. Spot checked hydrant repairs.

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TRAINING DIVISION PERFORMANCE REPORT

<u>ACADEMY TRAINING</u>	<u>SESSIONS</u>	<u>HRS. OF INSTRUC.</u>	<u>ATTENDANCE</u>	<u>MAN HOURS</u>
No. Recruits Trained	37	243	243	3593
Fire Brigades	23	62	425	1253
Company Refresher	15 ⁴	473	2119	7092
Officer Refresher	75	233	119	378
Totals	289	1011	2906	12,316

SPECIAL TRAINING

Preventive Maintenance	24	26	97	126
Driver Training	20	28	85	143
Apparatus Service Test	33	28	116	302
Pump Operations	26	39	125	226
Aerial Ladder	35	60	151	337
Drafting Water	3	4	11	19
Care of Apparatus	30	31	133	168
Misc. Training	3	6	13	32
Totals	174	248	731	1353

FIELD TRAINING

Drills in Quarters	8,161	Hours of Instruction - 16,210
Drills out of Quarters	5,347	Man-hours 65,035
Total Drills	13,508	

DEMONSTRATIONS: No. Held Attendance

Table Top	--	--
Fire Prevention	5	185
Extinguisher	7	310
(Other) First Aid	7	1195
Totals	19	1690

FILMS SHOWN

NO. ATTENDING

No. shown at Academy	187	3311
Loaned out	75	2133
Totals	262	5444

WATER OFFICER ACTIVITIES

No. of Hydrant Repairs Processed	115
No. of Conferences attended	230

PLANNING AND RESEARCH DIVISION

Annual Report submitted by
John J. Valent, Battalion Chief
for the year 1979

During 1979 the Planning and Research Division was involved primarily in providing staff assistance in the areas of Administration and Operation of the Newark Fire Department. Areas of activity included, but were not limited, to the following:

Capital Budget Preparation and Monitoring

1977 Capital Budget Project Status:

1. Rehabilitation of interior of Engine Co. No. 12, Truck Co. 5, (Due to construction delays encountered, new estimated time of completion, February 1980.)
2. Reconstruction of apparatus floor at Engine Co. No. 8. (Completed March 1979)
3. Reconstruction of roofs of the following companies:

Engine Co. No. 4, Truck Co. 2 (Completed)
Engine Co. No. 7, Truck Co. 3 (Completed)
Engine Co. No. 15, Truck Co. 7 (Completed)
Engine Co. No. 17 (Completed)
Engine Co. No. 18, Truck Co. 9 (Completed)
Engine Co. No. 29, Truck Co. 10 (Completed)
Tactical Unit, Annex (Completed)
Fire Signal System, Construction & Maintenance (Completed)
Engine Co. No. 6 (Estimated completion February 1980)
Engine Co. No. 9 (Estimated completion February 1980)

Due to inflation and rising construction costs the status of the following roof reconstruction projects is uncertain at this time:

Engine Co. No. 5
Engine Co. No. 14
Engine Co. No. 19
Special Services

1979 Capital Budget Status:

1. Apparatus Replacement Program
5 - 1,000 GPM Pumpers
3 - 100 ft. Aerial Ladder Trucks
1 - Aerial Ladder Work Truck
(Competitive bids for above due January 29, 1980)
2. Construction of new Butler Building for Special Services.
(Planning stage)
3. Reconstruction of interiors of Engine Co. No. 9, and Engine Co. No. 17. (Planning stage)

PLANNING & RESEARCH DIVISION (2)

Operation Budget

Provided staff assistance in the development of Goals and Objectives, and assisted in formulation of certain sections as directed.

Major Apparatus Inventory and Replacement Schedule

A twelve year replacement schedule is continuously maintained and updated.

Sick Leave and Injury Reporting System

Sick leave reports are monitored and coded on a daily basis; reports pertaining to sick leaves are presented to the Director and the Fire Chief each week.

Monitoring of on-duty manpower

Daily roll call records are maintained for all companies. Manpower projections are determined for vacation periods and emergencies along with overtime needs to ensure adequate manpower.

Schools, Conventions, Seminars

A file is maintained on all upcoming Fire Educational Events. Arrangements for travel and expenses are handled through this Division.

Energy Conservation (Motor Vehicles)

All energy consumption within the department is monitored and monthly consumption reports are submitted to the Director and Fire Chief.

City Hall First Aid Station

This Division is designated as the First Aid Station. During 1979 fifty-seven persons were treated for various injuries. In addition 45 persons had their blood pressure taken.

Smoke Detector Legislation

The Division, in cooperation with the office of the Corporation Counsel, assisted in developing a residential "Smoke Detector" ordinance and provided assistance to the Director as members of the Advisory Committee on residential smoke detection.

The Division performs many additional functions as directed by the Director and Fire Chief, and in addition, responds to requests from other inter-departmental and intra-departmental agencies. Reasonable requests from other organizations are acted on according to priority and time availability.

COMMUNITY RELATIONS DIVISION & CIVIL DEFENSE

Annual Report submitted by
Deputy Chief Robert F. Marron
for the year 1979

The essential purpose of the Newark Fire Department Community Relations Division is to provide the public and the Fire Department with effective service both day and night. Community Relations has concentrated on and has continued to build rapport between Fire Department and the members of the community.

During the year 1979, the Community Relations Division (Headquarters 20) was called upon numerous occasions to assist in providing help for victims of fires and other disasters. Because the Community Relations Division members maintain contact on a daily basis with the Salvation Army, Red Cross, Essex County Welfare and Civil Defense, we are able to bring the resources of those agencies to assist fire victims in obtaining the necessities of life.

Vandalized hydrants and the repairing of these hydrants has become a major problem. The illegal use of hydrants has continued to be a serious problem for the Fire Department. The objective of maintaining water pressure by controlling, as much as possible, the illegal use of hydrants is being compounded by more hydrants being vandalized and more hydrants being out of service for longer periods of time. Many man-hours were devoted to turning off illegally used hydrants and those left flowing because of the carelessness of city employees and community members with sprinklers. Hydrant sprinkler caps were issued by the Recreation Department. The Department of Public Works continued the installation of compression caps and coordinated these installations with the Fire Department and other interested departments. Mr. Thomas Ewing of the Water Department was especially helpful to the Fire Department throughout the year.

Director John P. Caulfield has continued with his policy of having the Community Relations Division support and assist charitable agencies in performing their duties to the public. The Community Relations Division assisted in charity drives by helping with logistical matters, assisting with volunteers and providing security.

Again in 1979, the North Ward Educational and Cultural Center (NWECC) worked very closely with the Fire Department and this has proven to be an extremely rewarding relationship for both groups. The Center has proven to be a good vehicle for getting involved with community members.

The International Youth Organization has afforded the Community Relations Division an opportunity to work closely with many people in the Central Ward. Jim Wallace, Community Relations Specialist has been very successful in bringing youths from all over the city to compete against each other in a variety of athletic events.

COMMUNITY RELATIONS DIVISION & CIVIL DEFENSE (2)

The number of meetings attended by Community Relations personnel has gone up because of interest in smoke detectors. Requests for films and guest speakers from schools and community groups have also increased because of interest in the Smoke Detector Ordinance passed by the City Council. A blitz-type public relations program was put into effect by Director Caufield and great effort was put into getting the message "Think Smoke Detectors" to the public.

The Citizen Advisory Committee had numerous meetings during the course of the year and was very helpful to the Fire Department in getting the message of smoke detectors out to the public. Also, the Citizen Advisory Committee was instrumental in getting the Newark Board of Education to finalize the Curriculum on Fire Safety.

The Explorer Post No. 20 of the Newark Fire Department continued into 1979.

The 1979 Christmas Toy Drive improved over the previous year's drive. Toys were picked up, sorted and distributed to various groups and agencies who took care of needy families. Every attempt was made to reach those who were the neediest.

CIVIL DEFENSE

The Civil Defense Auxiliary Service had a special eight-week training course at the Training Academy. Many of the 262 active Fire Auxiliaries had an opportunity to train in the basics of firefighting under the officers of the Training Academy. As in other years, in 1979 staff members of the Civil Defense section of the Community Relations Division attended Civil Defense seminars.

There has been a continued improvement in the documentation of the hours of duty volunteered by the Fire Auxiliaries to the city. Fire Auxiliary members devoted a great number of man-hours on the fire grounds, in the fire houses, at training programs, and at meetings.

Throughout the year, the Community Relations Division has worked closely with the Police Department, Human Rights, Department of Recreation, Division of Public Works and with the Public Relations Departments of the Prudential Insurance Company, Public Service Electric & Gas Company, Carteret Savings and Loan Association, and the Mutual Benefit Life Insurance Company. Headquarters 20 also interacted with the NAACP, Urban League, the Greater Newark Urban Coalition, the U.C.C., F.O.C.U.S., the Boy Scouts of America, various Block Associations, members of the Newark School System, senior citizen groups, church officials, and community members of all denominations.

1979 Statistics - Community Relations Division

Number of fires responded to -----	1,009
Number of fire victims assisted -----	2,983
Number of films shown in the street -----	64
Films shown at various indoor locations -----	123
Number of persons viewing films -----	4,900
Christmas toys distributed -----	7,000
Special assignments and meetings -----	750
Auxiliary man-hours at fire houses -----	3,482
Auxiliary man-hours at fires -----	2,756

DATA PROCESSING UNIT

Annual Report for 1979
submitted by
Gerritt L. DeVries
Data Processing Coordinator

The Data Processing Unit of the Planning and Research Division has completed various computer applications, which include making the following printouts for Department use:

1. List of inspections and updated conditions of all hydrants in the City.
2. Overtime scheduling and reports on a weekly basis.
3. Personnel history and listings, as needed.
4. Weekly sick leave reporting system.
5. Monthly vacant building report.

A list of dangerous chemicals and the buildings in which they are stored has been established.

Members of the Data Processing Unit have performed all the activities and duties as required by the Director and the Fire Chief of the Department.

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PHOTOGRAPHY DIVISION

Annual Report submitted by
Fireman Joseph Marino

The Annual Report for the year 1979 listing activities of the Photography Division, is herewith respectfully submitted.

Signal 100 - Arson or Suspected	21
Signal 200 - Death at fire	20
Public Relations (includes appointments, promotions, demonstrations, etc.)	38
Special Assignments	36
Negatives made	1605
Prints made	2962
Color prints made	428
Assignments	124

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PUBLIC RELATIONS DIVISION

Annual Report submitted by
Lonnie Tucker
for the year 1979

The following is herewith respectfully submitted as the Annual Report of the Fire Department's Public Relations Division for the year 1979.

Our division has continued to keep the public informed of various events in fire prevention through the use of radio, television, newspapers, and weekly reports within the communities.

The message of fire prevention and the Fire Director's Smoke Detector plan has been brought to the attention of other agencies who now will join the Fire Department in its efforts to bring fire prevention knowledge to the people.

In the year 1979, the Public Relations Division worked with other city, state and federal agencies which provided assistance to fire victims.

As the liaison man in the Fire Department I responded to fires as requested.

The Public Relations Division is in charge of issuing informative releases to the news media upon request.

I wish to extend my most sincere thanks to the officers and members of the Fire Department for their cooperation.

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MEDICAL DIVISION

Annual Report submitted by
Edwin L. Ciccone, M. D.
Fire Department Surgeon
for the year 1980

In compliance with the Rules and Regulations of the Fire Department and the requirements of my duties, my associate, Dr. Carl E. Maffeo, and I have rendered prompt attention to all reports of illness or injury coming under my jurisdiction, and have granted leave to members when necessary.

Visits were made to the fire houses for inspection purposes, on an emergency basis or otherwise, when requested by any member of the Fire Department.

Regular additional visits were made to sick or disabled members to keep properly informed of the progress of the cases. All new appointees, fire-fighters and non-firefighters were examined, and reports for same were submitted.

Received and returned all telephone calls on a 24-hour basis, seven days a week, including all holidays. There were 1,617 sick leaves and a total of 782 injuries. There were 34 new men, 64 men ordered to report for examination, and 32 men retired in 1979.

Weekly reports were submitted to the Director and Fire Chief, with reference to all men injured in line of duty, as to diagnosis, prognosis, and treatment. Conferences were held at any requested time, regarding the injured personnel.

I wish to extend my most sincere thanks to all the Officers and members of the Newark Fire Department for the courtesy and cooperation rendered to me and to Dr. Carl E. Maffeo, during the past year.

ANNUAL REPORT
OF THE
CATHOLIC CHAPLAIN, REV. HORTON J. RAUGHT
FOR THE YEAR 1979

The following is a report of my activities as Chaplain of the Newark Fire Department for the year 1979:

Responded to 91 fires of which 81 were multiple alarms. When necessary, I responded to the hospital from the fire scene.

I visited the various hospitals in the area to attend members who were ill or injured in the line of duty, and also visited members of their families.

Attended all swearing-in ceremonies of Fire Department personnel as well as all promotion ceremonies.

Attended wakes for members of the Fire Department or members of their families. Participated in the funeral services of members of the Department both active and retired, or members of their families.

Was available for and participated in conferences with members of the Department or members of their families.

Conducted the Annual Memorial Service for deceased members of the Newark Fire Department. This, the 56th Annual Memorial Mass, was held at St. Rose of Lima Church, Newark, N. J.

Attended Fire Prevention demonstrations and all other affairs pertaining to Fire Department activities, sponsored by the Fire Department Historical Society and the Bell & Siren Club.

I wish to express my deep and sincere gratitude to Director John P. Caufield, Fire Chief James P. O'Beirne and Fire Chief Stanley Kossup, and to all Officers and Members of the Newark Fire Department for the friendship, courtesy and cooperation they have shown me.

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ANNUAL REPORT
OF THE PROTESTANT CHAPLAIN
REV. CLARANCE BLEAKNEY
FOR THE YEAR 1979

The following is the annual report on my activities as Chaplain of the Newark Fire Department for the year 1979:

I conducted the Annual Memorial Service in St. Rose of Lima Church in conjunction with Rev. Horton Raught, the Catholic Chaplain of the Fire Department.

I conducted the Annual Christmas Party of the Fire Department.

I keep in touch with all the sick members of the Department.

I attend all swearing-in ceremonies and promotion ceremonies of members.

I make myself available whenever called upon to minister to the sick members of the Department.

I wish to express my thanks to all members of the Fire Department, men and officers, for all the kindnesses and courtesies extended to me.

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ANNUAL REPORT

submitted by the Jewish Chaplain
Rabbi Horace L. Zemel
for the year 1979

I wish to report to you that through the year 1979, as Chaplain of the Fire Department, to the best of my ability, I have answered fire calls when summoned, participated in public functions, attended the sick and dying, and in general lent myself in full capacity as clergyman over all those to whom I minister in whatever contingency my services were called.

The making of this report gives me, once again, the opportunity of letting you know that I am not unmindful of the many courtesies extended to me in the performance of the duties of my office for which I am extremely grateful.

May I wish you, and through you, all those in the Department, a Year marked by peace in the world, order in our government, health in the home, and success in every worthwhile effort.

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THE BELL AND SIREN CLUB, INC.

Annual Report
For the Year 1979

Services Rendered - 1979

Fire Responses	112
Cups of Coffee	7367
Cups of Tea	321
Cups of Hot Chocolate	526
Cups of Bouillon	282
Cups of Water	46
* Cups of Orange Drink	4083
Bottles of Soda	40
Cookies & Doughnuts	5148
Sandwiches	200
Cigarettes	149
Cups of Beef Stew	85
Cups of Iced Tea	100

* In 1978 the Bell and Siren Club changed
from using 5 oz. cups for juice to 8 oz. cups.

3 incidents of First Aid Administered

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CIVIL DEFENSE

Auxiliary Fire Service
Annual Report for the year 1979

In the year 1979, 27 new Auxiliaries joined, bringing the total to 262 members.

One member resigned to become a member of the Hackensack Fire Department; one captain and one firefighter were dismissed.

Total membership is: 1 Chief; 16 Deputy Chiefs; 16 Battalion Chiefs; 20 Captains and 209 Firefighters.

Auxiliary Fire Deputy Chief Harold Peare, was promoted and sworn in as Chief Fire Alarm Operator, Newark Fire Department Fire Signal System Division, in February, 1979.

Other activities were: Loan of cots to Martland Medical when they moved into the new College of Medicine and Dentistry Hospital.

Civil Defense Course on Planning and Operations was attended by the Service Chief and Shelter Coordinator held in Spring Lake Heights.

At a general meeting of the Auxiliary held at the Newark Fire Department Training Center, plans for the Training Course for Auxiliaries were discussed; meeting was attended by Deputy Chief Robert Marron, Captain Reginald Evelyn, of the Newark Fire Department, and Newark Civil Defense Deputy Director Robert Swales and the Service Chief of the Civil Defense Division. Training Course was started in October and was conducted by Deputy Fire Chief Edward Wall.

The Fire Auxiliary responded to 6,736 alarms of fire; spent 2,756 hours assisting in fighting fires. They were on duty for a total of 13,482 hours, and reported to firehouses a total of 2,794 times.

Respectfully submitted,

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